

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049679.D
 Acq On : 28 Feb 2025 15:12
 Operator : RC/JU
 Sample : PB166933BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

Quant Time: Feb 28 16:06:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	281345	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	926819	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	548450	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	998908	20.000	ng	-0.02
76) Chrysene-d12	21.421	240	927156	20.000	ng	-0.02
86) Perylene-d12	24.432	264	893436	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1632853	93.329	ng	0.00
7) Phenol-d6	6.981	99	1968922	85.899	ng	0.00
23) Nitrobenzene-d5	8.963	82	1805531	100.205	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	650408	100.083	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4464726	105.458	ng	-0.02
79) Terphenyl-d14	19.809	244	6382615	105.123	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	293019	39.833	ng	97
3) Pyridine	3.681	79	711598	34.811	ng	94
4) n-Nitrosodimethylamine	3.587	42	350812	36.680	ng	92
6) Aniline	7.128	93	620720	28.573	ng	98
8) 2-Chlorophenol	7.375	128	705821	40.402	ng	96
9) Benzaldehyde	6.939	77	276883	22.814	ng	98
10) Phenol	7.004	94	900437	39.884	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	716779	39.244	ng	98
12) 1,3-Dichlorobenzene	7.692	146	863154	42.566	ng	97
13) 1,4-Dichlorobenzene	7.839	146	866316	42.237	ng	99
14) 1,2-Dichlorobenzene	8.157	146	828201	41.818	ng	98
15) Benzyl Alcohol	8.045	79	591582	37.097	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	889430m	36.174	ng	
17) 2-Methylphenol	8.251	107	553929	40.127	ng	95
18) Hexachloroethane	8.886	117	310809	41.486	ng	95
19) n-Nitroso-di-n-propyla...	8.616	70	547590	36.482	ng	94
20) 3+4-Methylphenols	8.581	107	734098	40.284	ng	98
22) Acetophenone	8.628	105	1179166	47.236	ng	# 98
24) Nitrobenzene	9.004	77	758551	43.331	ng	96
25) Isophorone	9.533	82	1336128	41.117	ng	98
26) 2-Nitrophenol	9.710	139	318891	51.980	ng	96
27) 2,4-Dimethylphenol	9.780	122	546415	53.180	ng	99
28) bis(2-Chloroethoxy)met...	10.010	93	872108	41.669	ng	98
29) 2,4-Dichlorophenol	10.251	162	669808	47.336	ng	97
30) 1,2,4-Trichlorobenzene	10.463	180	800846	46.195	ng	98
31) Naphthalene	10.651	128	2035267	41.637	ng	99
32) Benzoic acid	9.910	122	376312m	55.461	ng	
33) 4-Chloroaniline	10.757	127	302224	16.518	ng	99
34) Hexachlorobutadiene	10.945	225	509695	49.096	ng	98
35) Caprolactam	11.533	113	173510	40.194	ng	91
36) 4-Chloro-3-methylphenol	11.892	107	573430	40.636	ng	96
37) 2-Methylnaphthalene	12.263	142	1382877	40.182	ng	99
38) 1-Methylnaphthalene	12.486	142	1345628	40.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1045997	58.007	ng	99
41) Hexachlorocyclopentadiene	12.621	237	1307807	284.099	ng	98
43) 2,4,6-Trichlorophenol	12.874	196	516299	52.470	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049679.D
 Acq On : 28 Feb 2025 15:12
 Operator : RC/JU
 Sample : PB166933BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

Quant Time: Feb 28 16:06:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

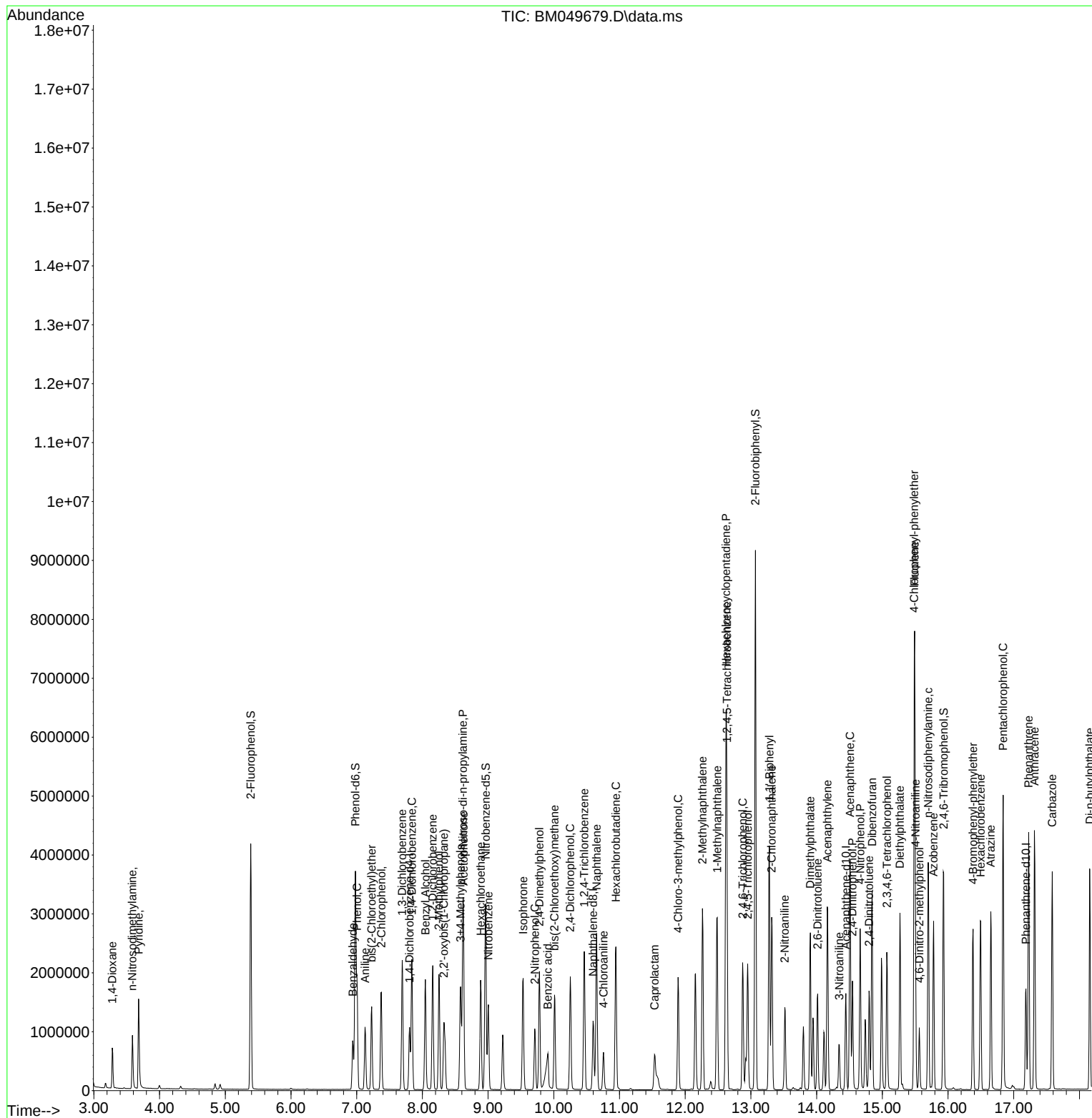
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	560687	51.850	ng	96
46) 1,1'-Biphenyl	13.280	154	2092734	50.019	ng	99
47) 2-Chloronaphthalene	13.316	162	1472675	45.494	ng	98
48) 2-Nitroaniline	13.516	65	354357	42.076	ng	97
49) Acenaphthylene	14.163	152	2164861	45.354	ng	99
50) Dimethylphthalate	13.904	163	1656482	42.057	ng	100
51) 2,6-Dinitrotoluene	14.015	165	336511	49.375	ng	89
52) Acenaphthene	14.510	154	1543924m	48.730	ng	
53) 3-Nitroaniline	14.345	138	180410	25.999	ng	# 95
54) 2,4-Dinitrophenol	14.545	184	367278	114.200	ng	# 72
55) Dibenzofuran	14.845	168	2120997	42.043	ng	98
56) 4-Nitrophenol	14.663	139	617670	105.596	ng	92
57) 2,4-Dinitrotoluene	14.798	165	462718	48.429	ng	90
58) Fluorene	15.492	166	1838140	42.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	449861	49.241	ng	95
60) Diethylphthalate	15.268	149	1562473	39.473	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	988503	43.034	ng	98
62) 4-Nitroaniline	15.504	138	344609	39.221	ng	98
63) Azobenzene	15.780	77	1504557	36.416	ng	96
65) 4,6-Dinitro-2-methylph...	15.562	198	217520	64.303	ng	91
66) n-Nitrosodiphenylamine	15.698	169	1420690	45.098	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	520131	44.820	ng	96
68) Hexachlorobenzene	16.498	284	587890	44.138	ng	97
69) Atrazine	16.651	200	531126	56.717	ng	98
70) Pentachlorophenol	16.839	266	793670	87.487	ng	99
71) Phenanthrene	17.227	178	2532660	44.505	ng	100
72) Anthracene	17.315	178	2546464	45.192	ng	100
73) Carbazole	17.586	167	2220071	44.890	ng	99
74) Di-n-butylphthalate	18.156	149	2456904	39.152	ng	100
75) Fluoranthene	19.239	202	2817946	42.296	ng	99
77) Benzidine	19.421	184	985607	120.042	ng	100
78) Pyrene	19.603	202	2928062	42.178	ng	100
80) Butylbenzylphthalate	20.509	149	948123	43.890	ng	90
81) Benzo(a)anthracene	21.403	228	2852577	45.397	ng	100
82) 3,3'-Dichlorobenzidine	21.327	252	632840	37.427	ng	100
83) Chrysene	21.468	228	2638247	44.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1496790	40.418	ng	99
85) Di-n-octyl phthalate	22.480	149	2255480	38.606	ng	95
87) Indeno(1,2,3-cd)pyrene	27.838	276	3286841	67.364	ng	# 96
88) Benzo(b)fluoranthene	23.485	252	2572685	41.858	ng	99
89) Benzo(k)fluoranthene	23.550	252	2669819	44.723	ng	98
90) Benzo(a)pyrene	24.297	252	2492512	51.173	ng	# 98
91) Dibenzo(a,h)anthracene	27.897	278	2706817	70.192	ng	97
92) Benzo(g,h,i)perylene	28.897	276	2534427	58.834	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
 Data File : BM049679.D
 Acq On : 28 Feb 2025 15:12
 Operator : RC/JU
 Sample : PB166933BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

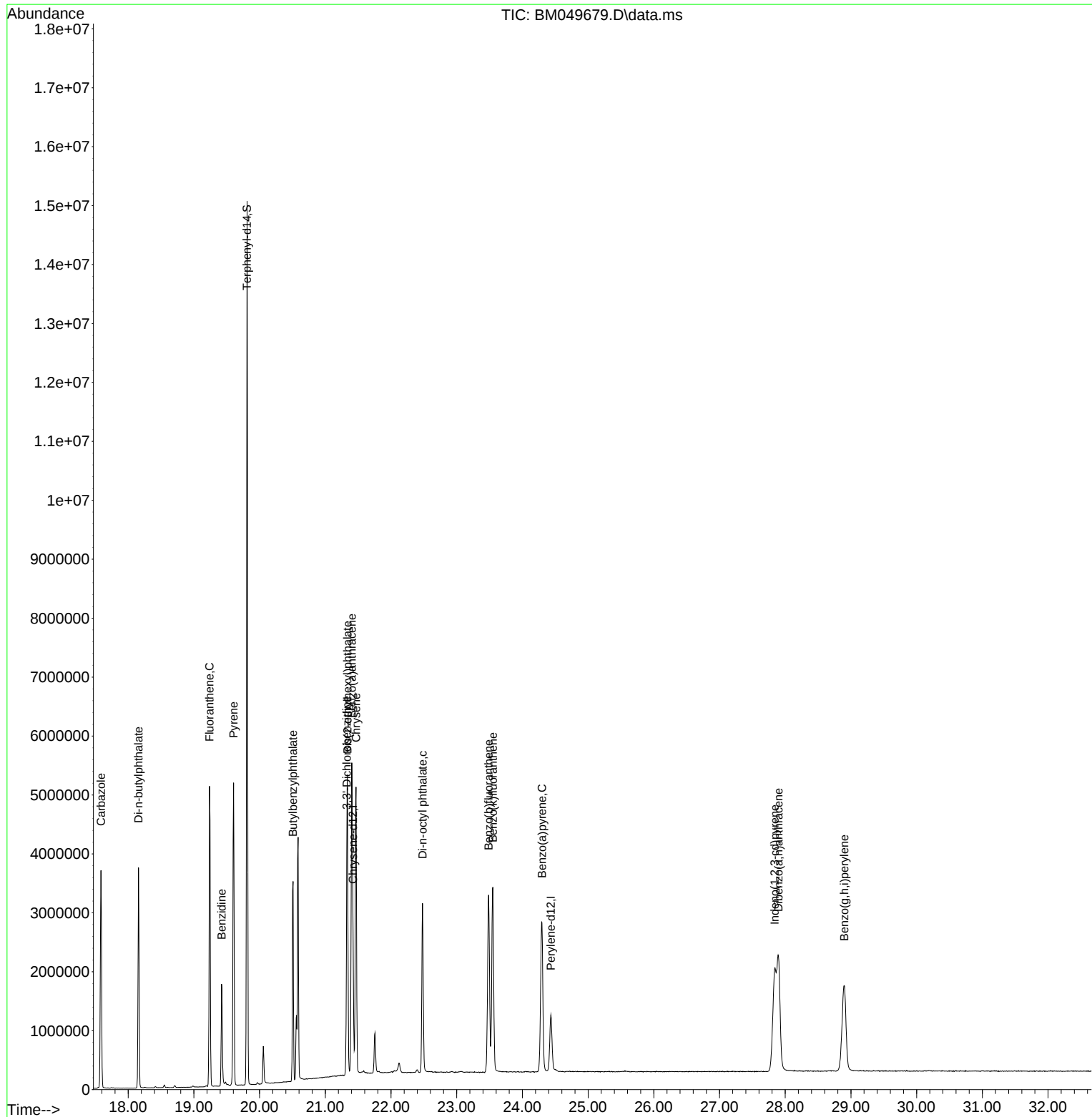
Quant Time: Feb 28 16:06:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 04:55:28 2025
 Response via : Initial Calibration

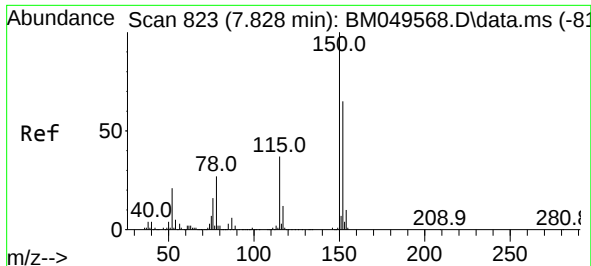


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

Quant Time: Feb 28 16:06:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

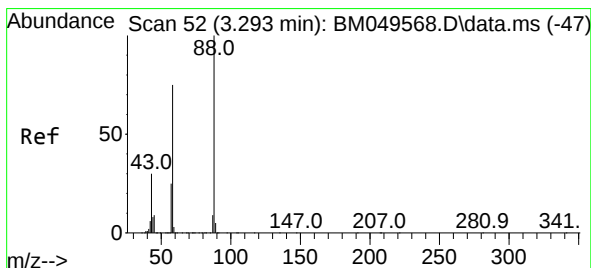
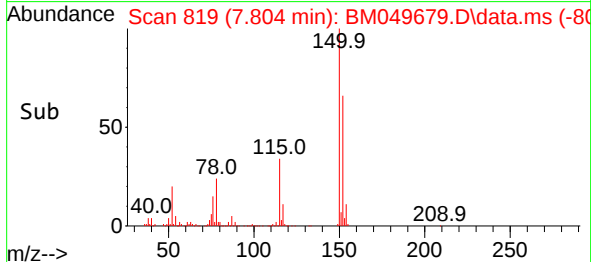
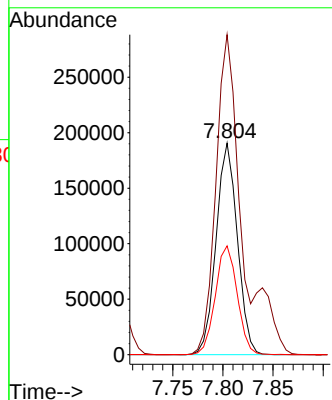
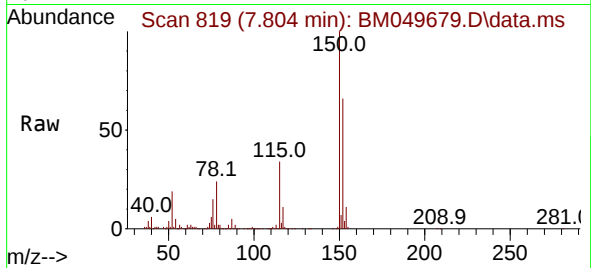




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

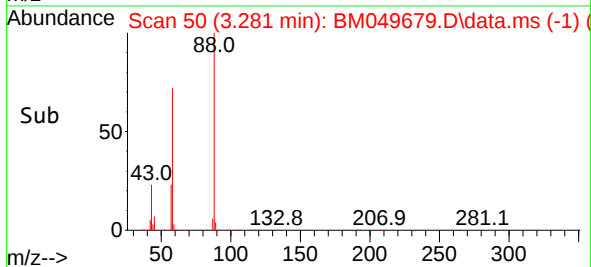
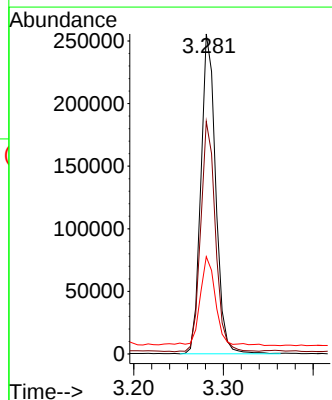
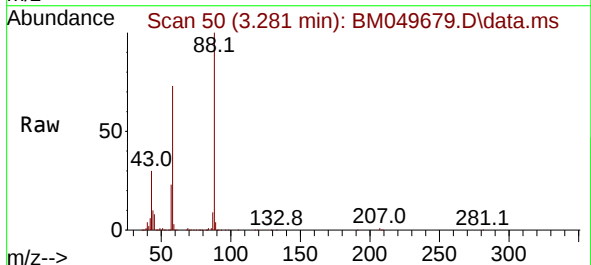
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

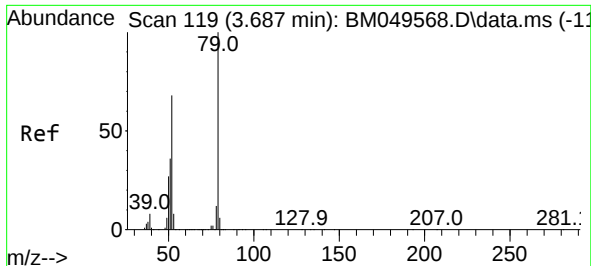
Tgt Ion:152 Resp: 281345
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.6 184.0
 115 51.4 45.4 68.0



#2
 1,4-Dioxane
 Concen: 39.833 ng
 RT: 3.281 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Tgt Ion: 88 Resp: 293019
 Ion Ratio Lower Upper
 88 100
 58 71.6 60.0 90.0
 43 29.6 24.4 36.6

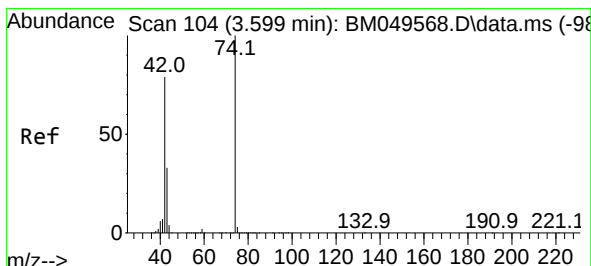
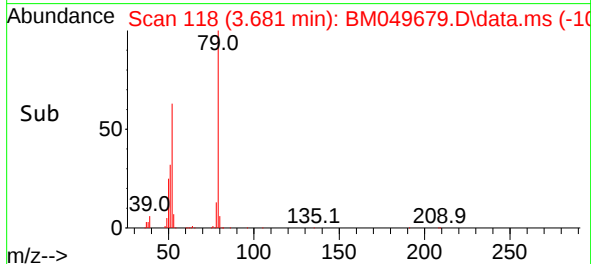
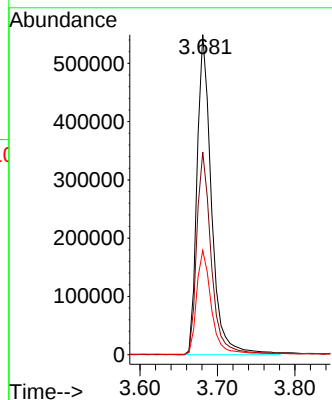
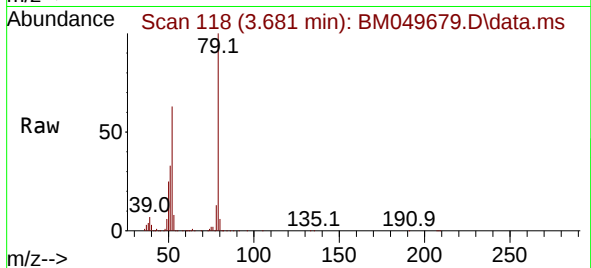




#3
 Pyridine
 Concen: 34.811 ng
 RT: 3.681 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

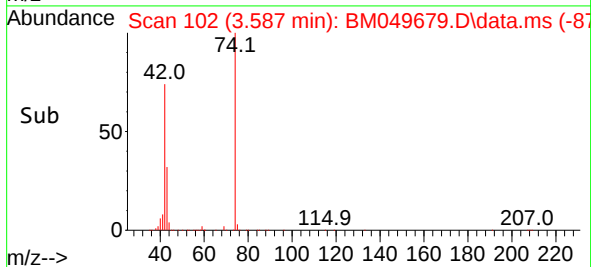
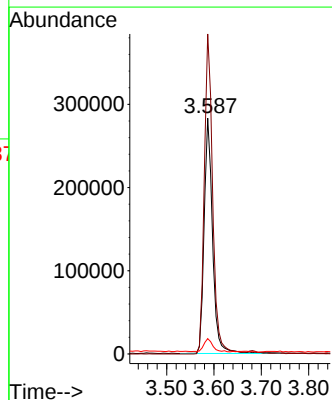
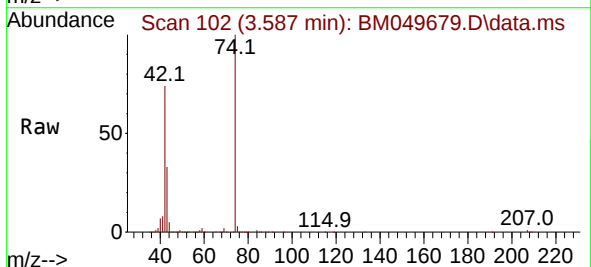
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

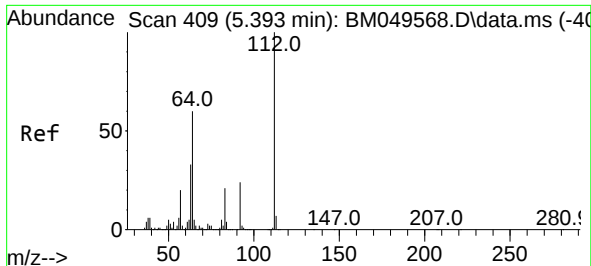
Tgt Ion: 79 Resp: 711598
 Ion Ratio Lower Upper
 79 100
 52 63.4 54.5 81.7
 51 32.5 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 36.680 ng
 RT: 3.587 min Scan# 102
 Delta R.T. -0.012 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Tgt Ion: 42 Resp: 350812
 Ion Ratio Lower Upper
 42 100
 74 135.7 101.3 151.9
 44 6.5 6.5 9.7

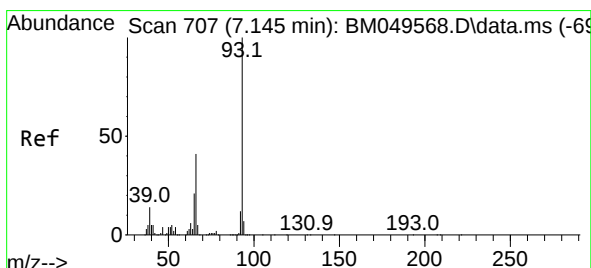
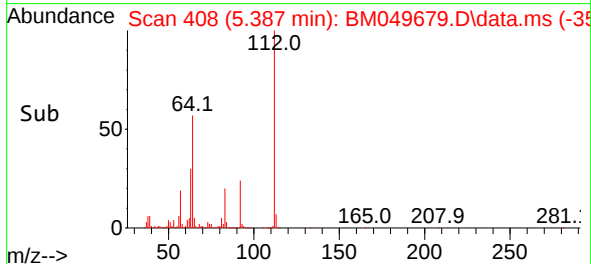
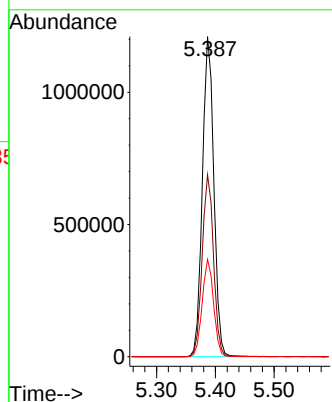
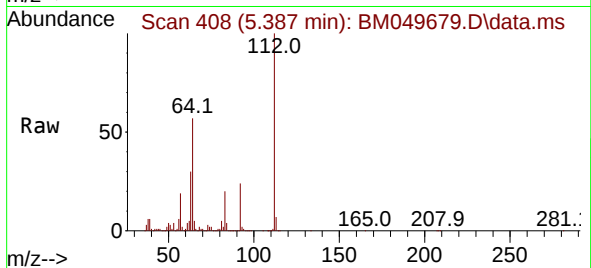




#5
2-Fluorophenol
Concen: 93.329 ng
RT: 5.387 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

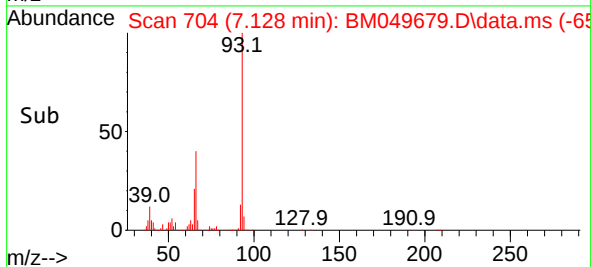
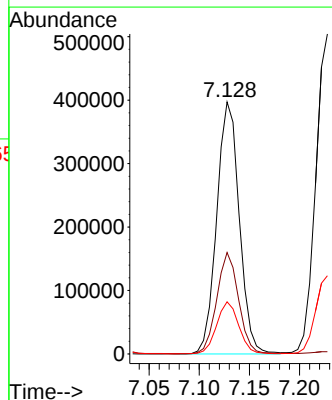
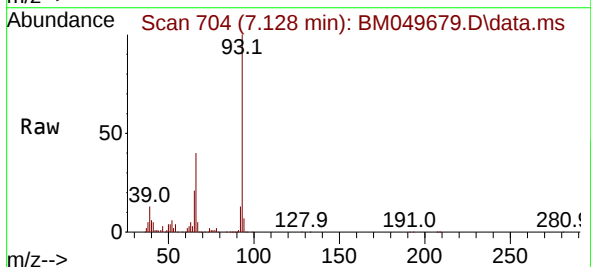
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

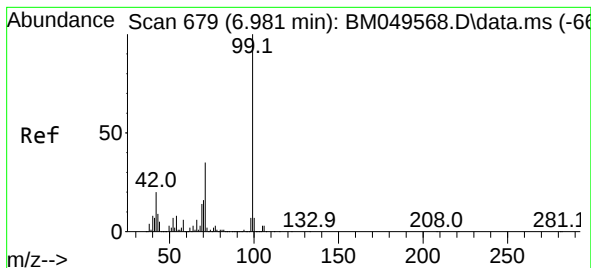
Tgt Ion:112 Resp: 1632853
Ion Ratio Lower Upper
112 100
64 56.8 47.8 71.8
63 30.4 26.2 39.4



#6
Aniline
Concen: 28.573 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion: 93 Resp: 620720
Ion Ratio Lower Upper
93 100
66 40.3 33.3 49.9
65 20.7 16.8 25.2





#7

Phenol-d6

Concen: 85.899 ng

RT: 6.981 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

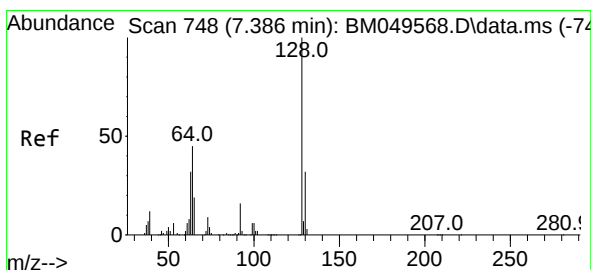
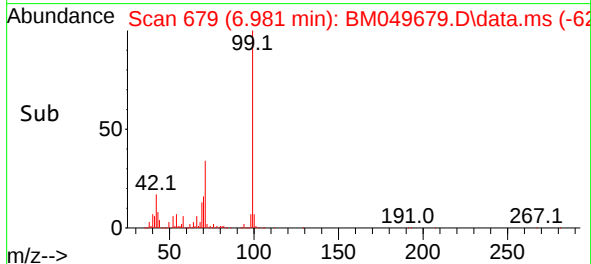
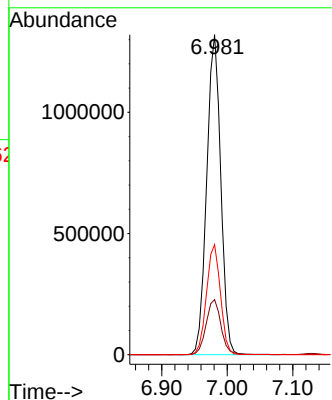
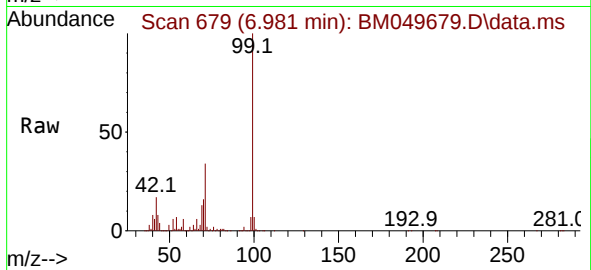
BNA_M

ClientSampleId :

PB166933BSD

Tgt Ion: 99 Resp: 1968922

Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.0	24.0
71	34.4	27.8	41.6



#8

2-Chlorophenol

Concen: 40.402 ng

RT: 7.375 min Scan# 746

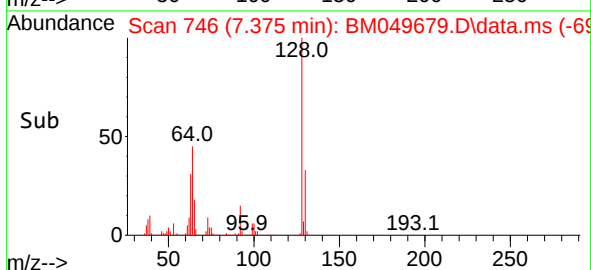
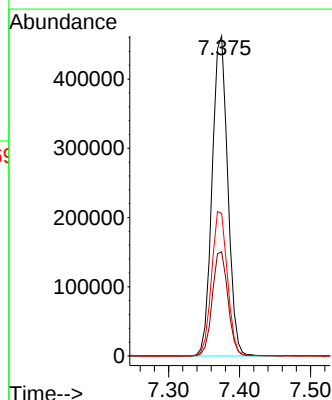
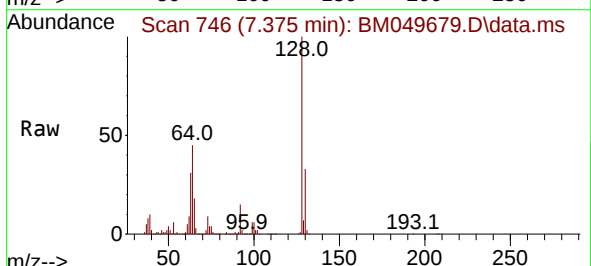
Delta R.T. -0.012 min

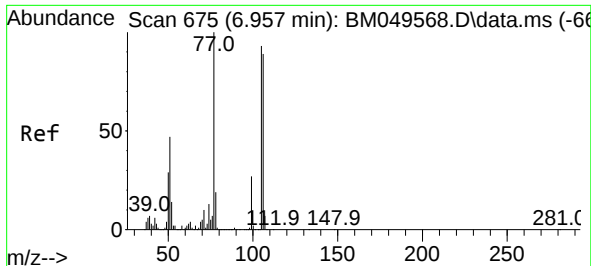
Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion: 128 Resp: 705821

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	44.6	28.7	68.7

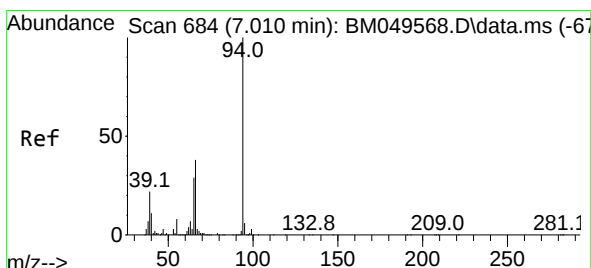
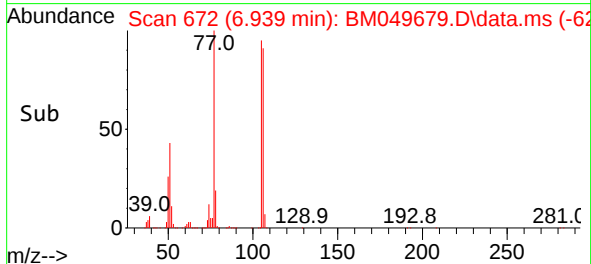
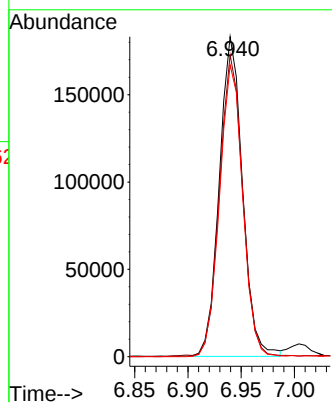
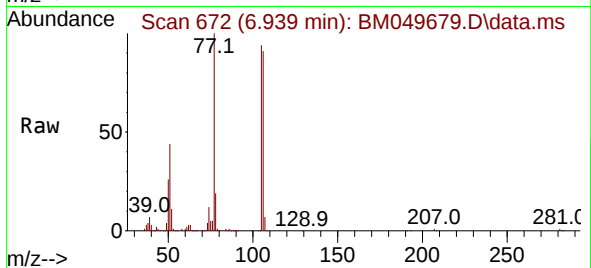




#9
Benzaldehyde
Concen: 22.814 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

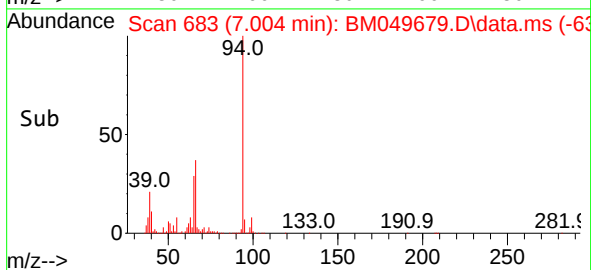
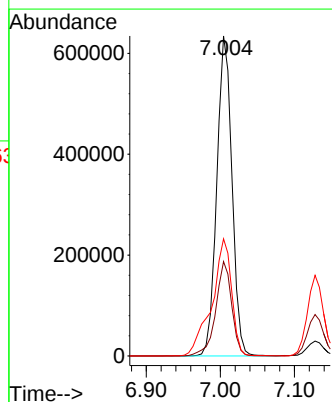
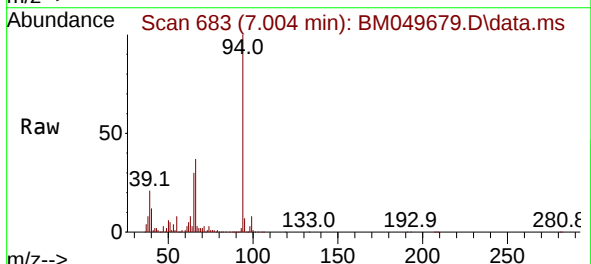
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

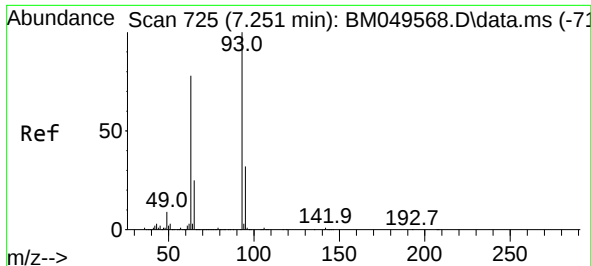
Tgt Ion: 77 Resp: 276883
Ion Ratio Lower Upper
77 100
105 94.3 72.7 112.7
106 91.2 68.9 108.9



#10
Phenol
Concen: 39.884 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion: 94 Resp: 900437
Ion Ratio Lower Upper
94 100
65 29.5 9.3 49.3
66 36.6 17.7 57.7

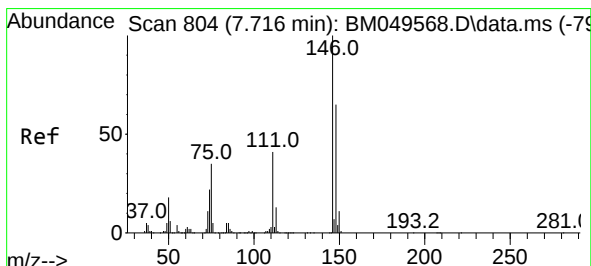
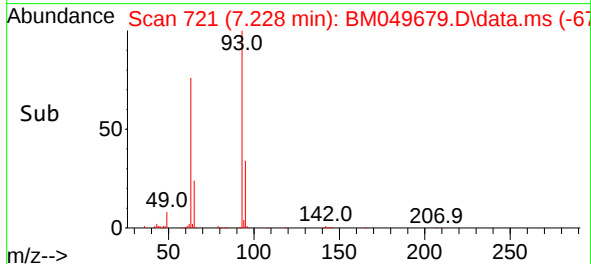
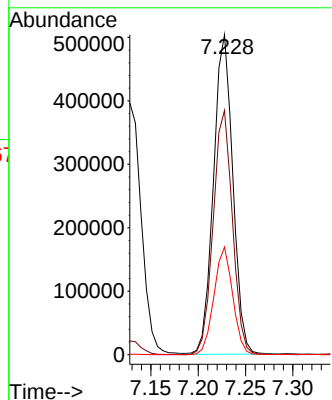
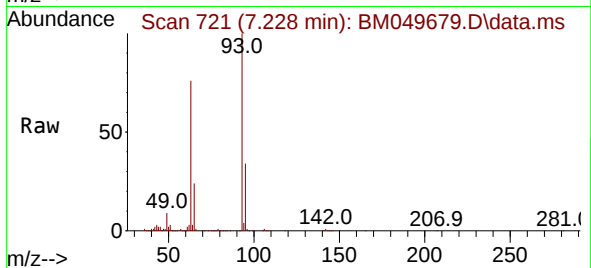




#11
bis(2-Chloroethyl)ether
Concen: 39.244 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

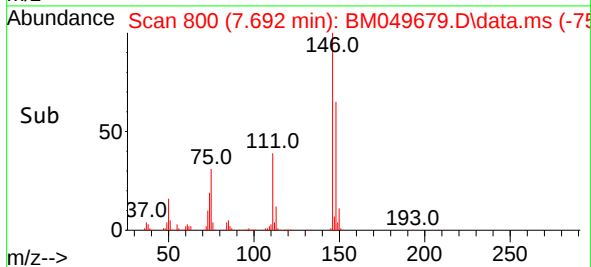
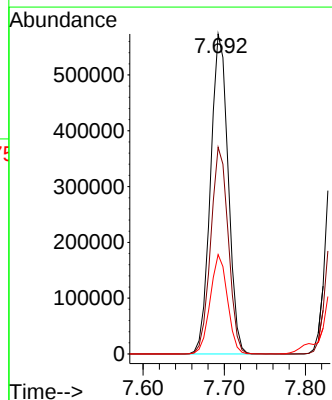
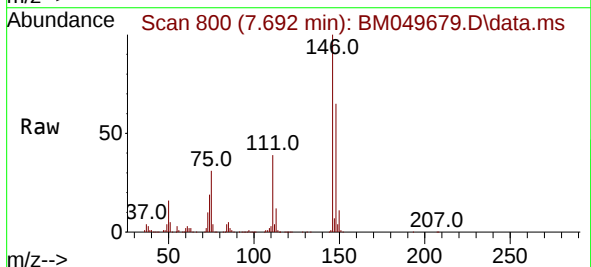
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

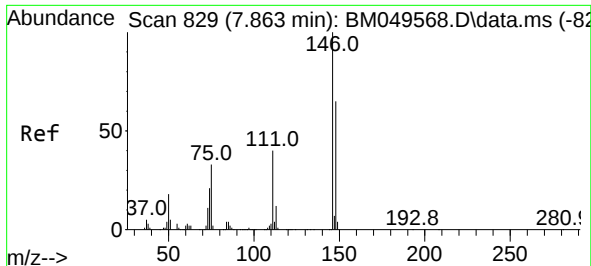
Tgt Ion: 93 Resp: 716779
Ion Ratio Lower Upper
93 100
63 76.4 57.3 97.3
95 33.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.566 ng
RT: 7.692 min Scan# 800
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:146 Resp: 863154
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.2
75 31.0 28.3 42.5

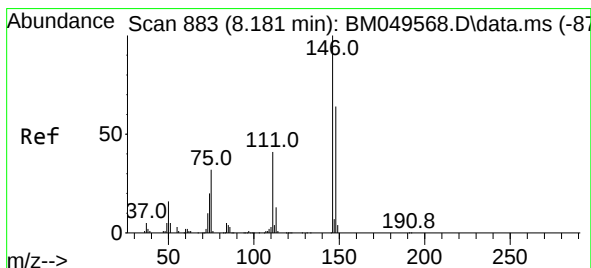
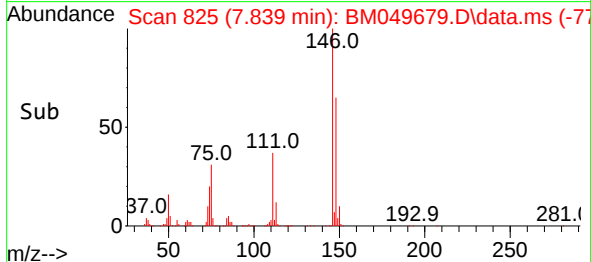
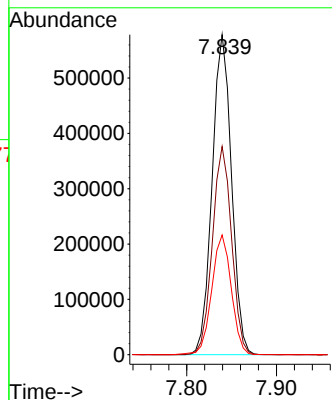
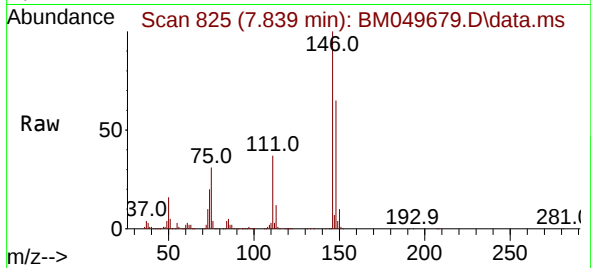




#13
1,4-Dichlorobenzene
Concen: 42.237 ng
RT: 7.839 min Scan# 811
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

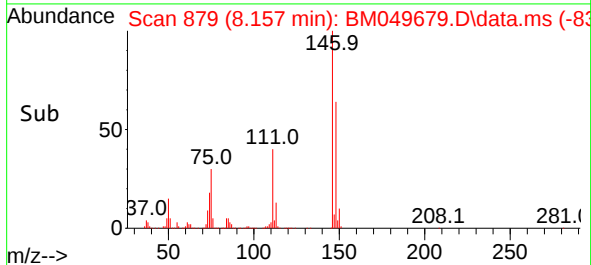
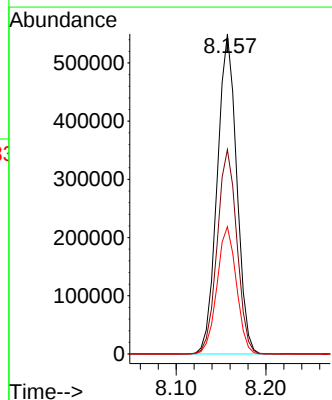
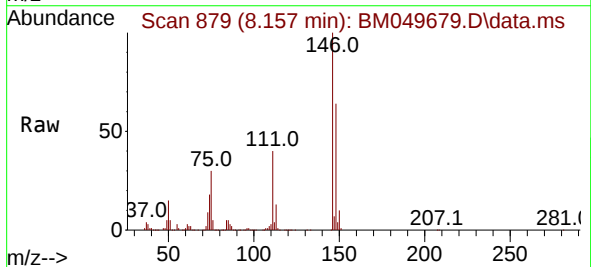
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

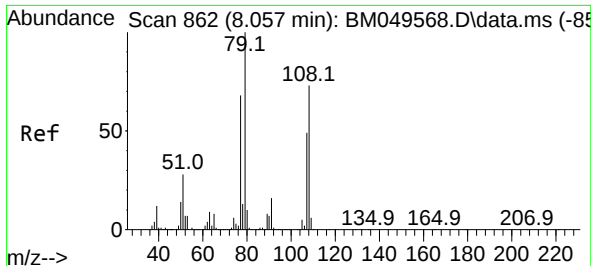
Tgt Ion:146 Resp: 866316
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
111 37.4 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 41.818 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:146 Resp: 828201
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 39.8 33.4 50.0

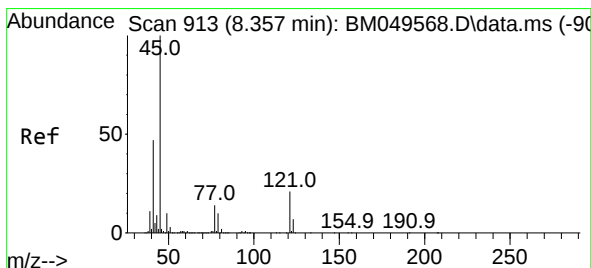
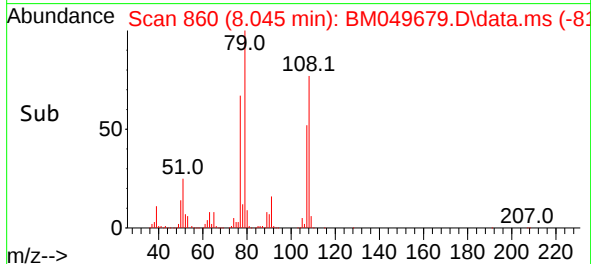
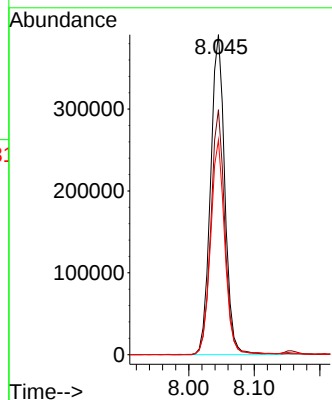
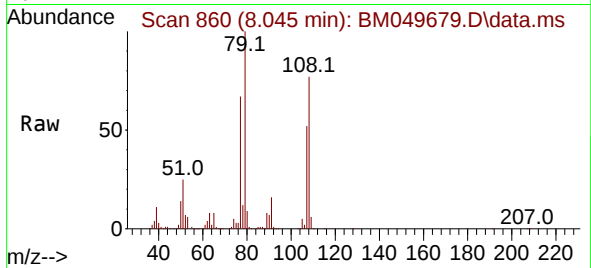




#15
Benzyl Alcohol
Concen: 37.097 ng
RT: 8.045 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

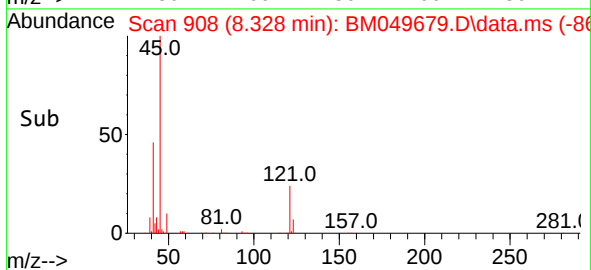
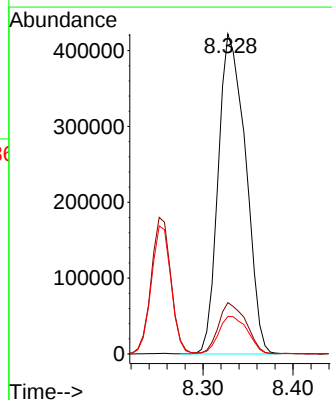
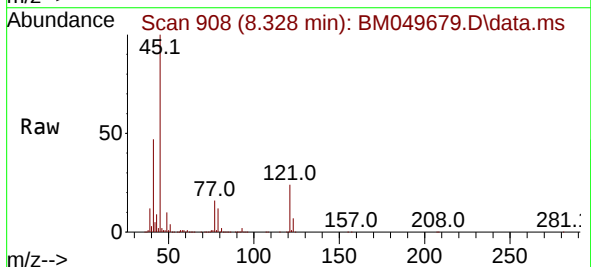
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

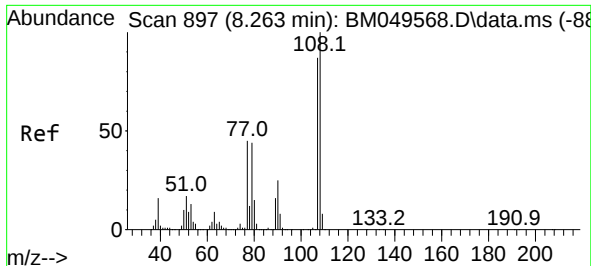
Tgt Ion: 79 Resp: 591582
Ion Ratio Lower Upper
79 100
108 76.6 58.6 88.0
77 67.1 54.0 81.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.174 ng m
RT: 8.328 min Scan# 908
Delta R.T. -0.029 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion: 45 Resp: 889430
Ion Ratio Lower Upper
45 100
77 16.0 0.0 34.0
79 11.7 0.0 30.8

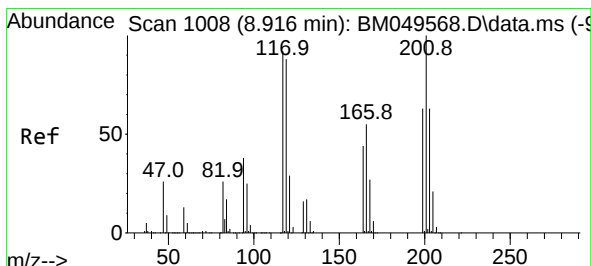
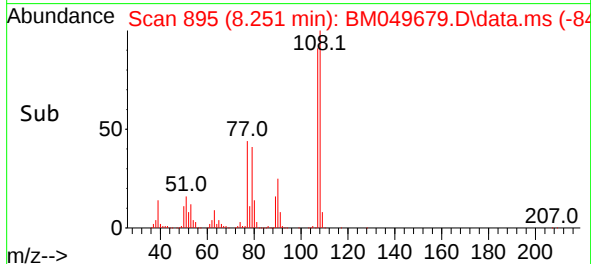
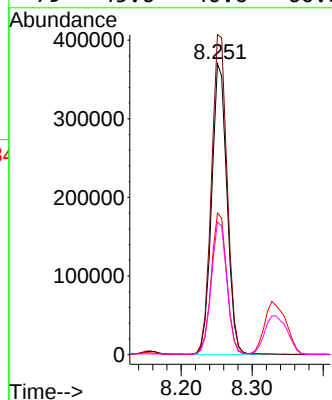
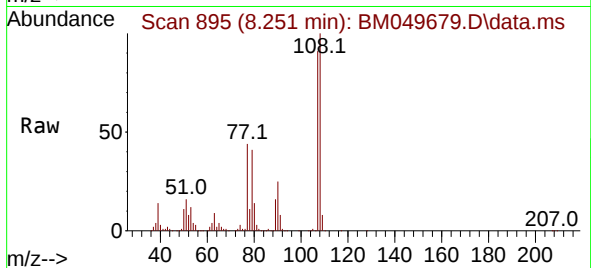




#17
2-Methylphenol
Concen: 40.127 ng
RT: 8.251 min Scan# 897
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

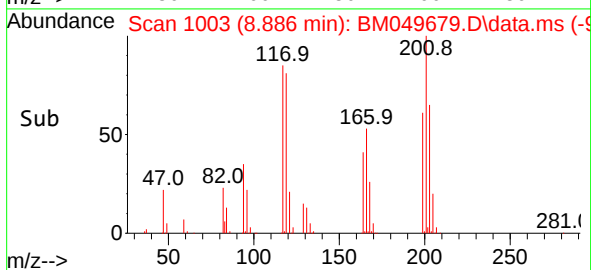
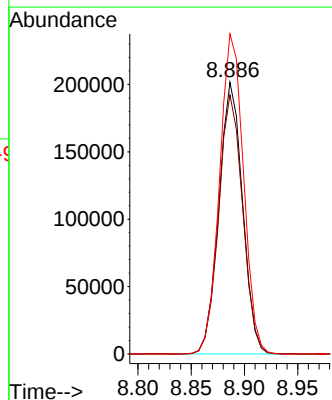
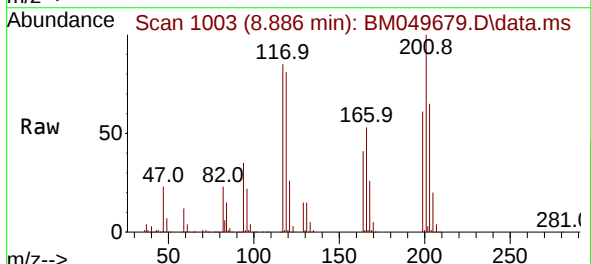
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

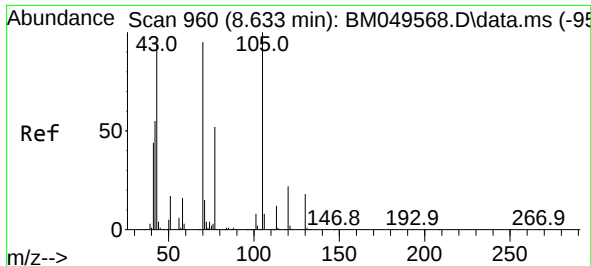
Tgt Ion:	107	Resp:	553929
Ion	Ratio	Lower	Upper
107	100		
108	110.0	92.2	138.4
77	48.7	41.3	61.9
79	45.6	40.6	60.8



#18
Hexachloroethane
Concen: 41.486 ng
RT: 8.886 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:	117	Resp:	310809
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
201	117.8	87.0	130.6

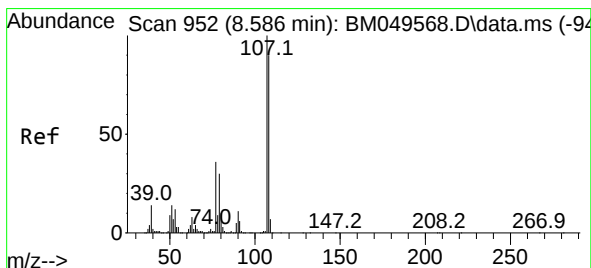
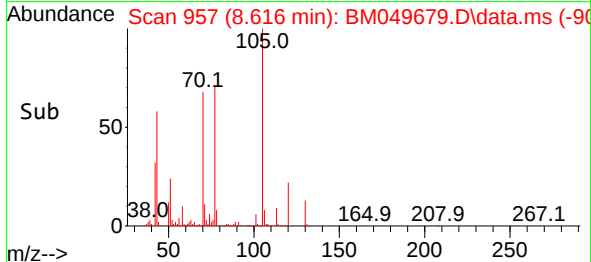
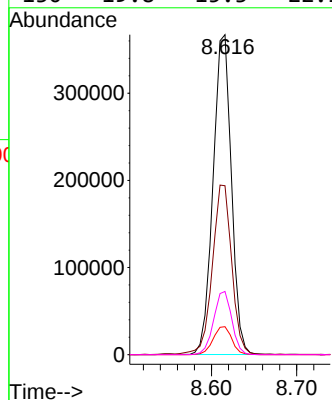
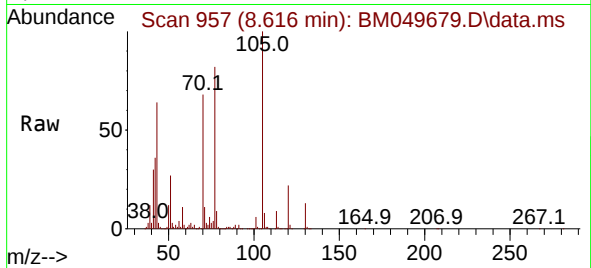




#19
n-Nitroso-di-n-propylamine
Concen: 36.482 ng
RT: 8.616 min Scan# 911
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

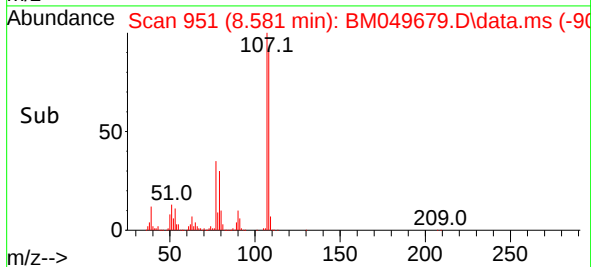
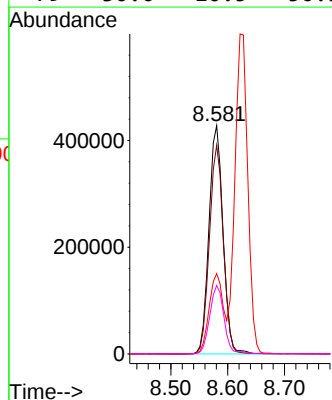
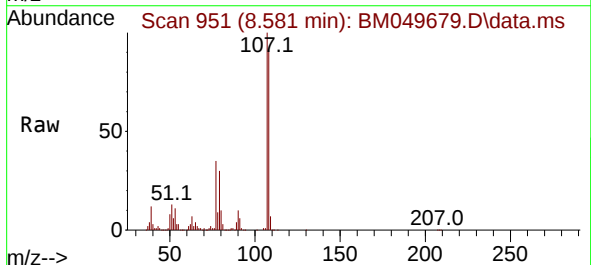
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

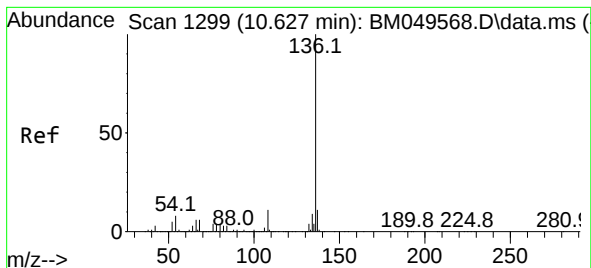
Tgt Ion: 70 Resp: 547590
Ion Ratio Lower Upper
70 100
42 52.8 47.4 71.2
101 8.8 7.1 10.7
130 19.8 15.3 22.9



#20
3+4-Methylphenols
Concen: 40.284 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion: 107 Resp: 734098
Ion Ratio Lower Upper
107 100
108 91.4 69.6 109.6
77 35.2 16.0 56.0
79 30.0 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.598 min Scan# 1

Delta R.T. -0.029 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

Tgt Ion:136 Resp: 926819

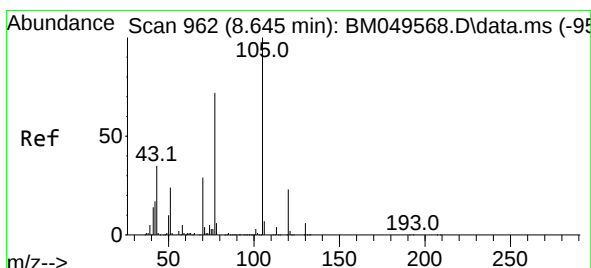
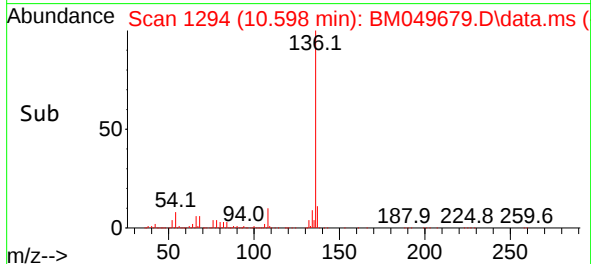
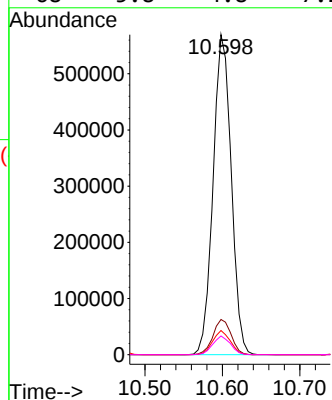
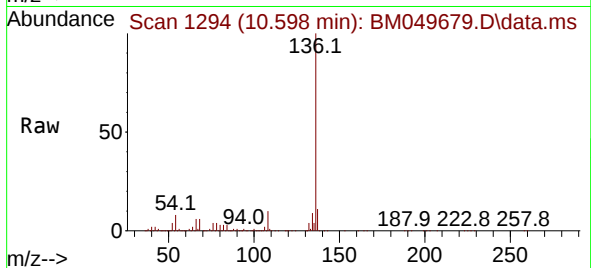
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.5 6.6 10.0

68 5.8 4.8 7.2



#22

Acetophenone

Concen: 47.236 ng

RT: 8.628 min Scan# 959

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion:105 Resp: 1179166

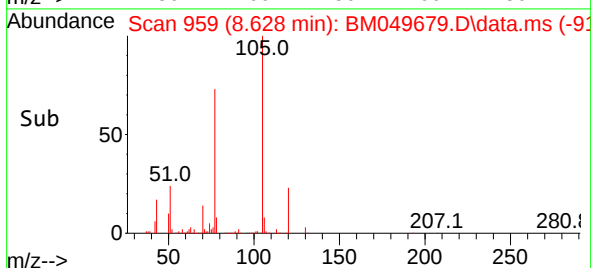
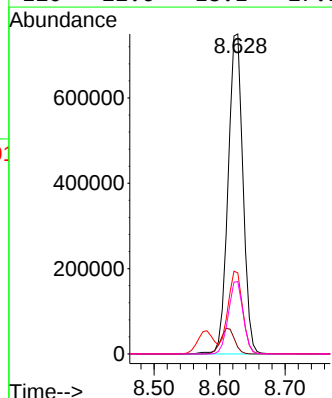
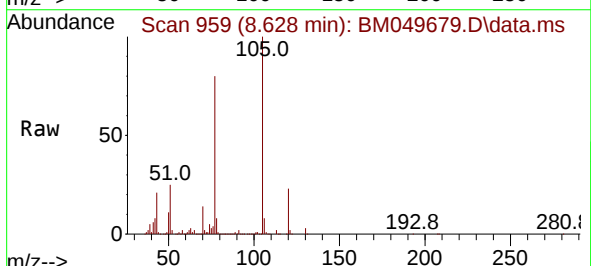
Ion Ratio Lower Upper

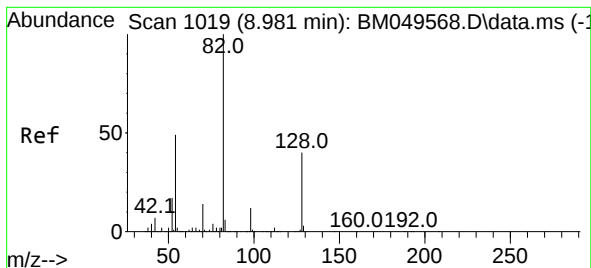
105 100

71 2.1 3.5 5.3#

51 25.3 21.7 32.5

120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 100.205 ng

RT: 8.963 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

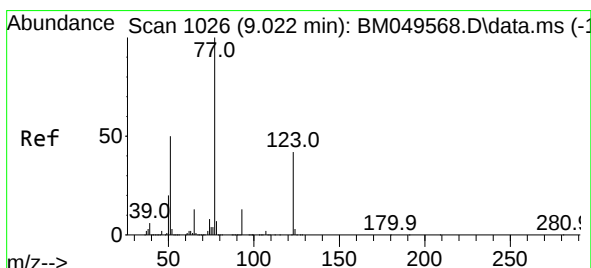
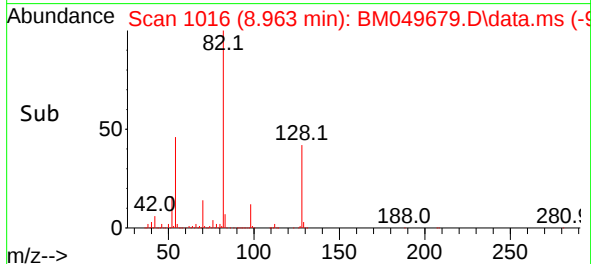
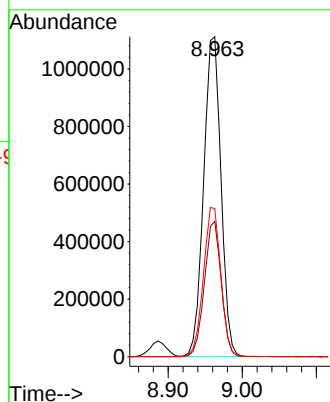
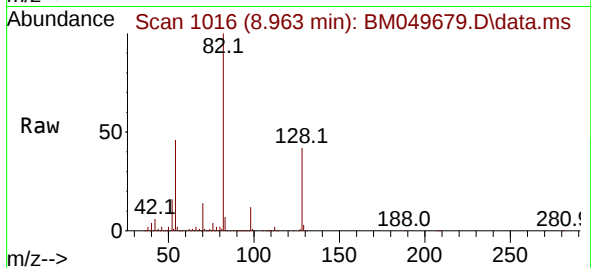
BNA_M

ClientSampleId :

PB166933BSD

Tgt Ion: 82 Resp: 1805531

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.6	47.4
54	46.3	39.4	59.0



#24

Nitrobenzene

Concen: 43.331 ng

RT: 9.004 min Scan# 1023

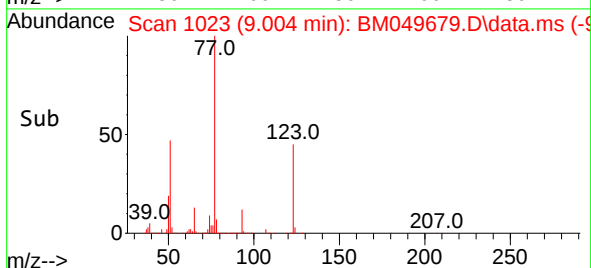
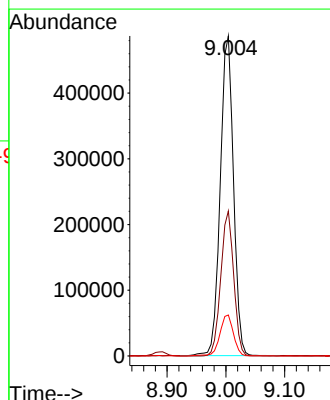
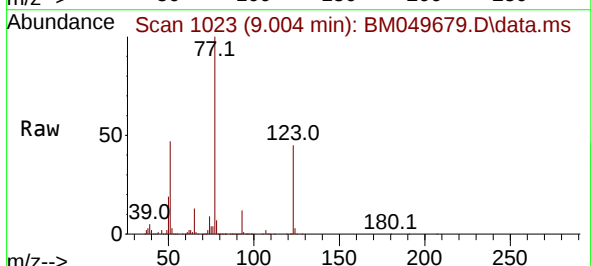
Delta R.T. -0.018 min

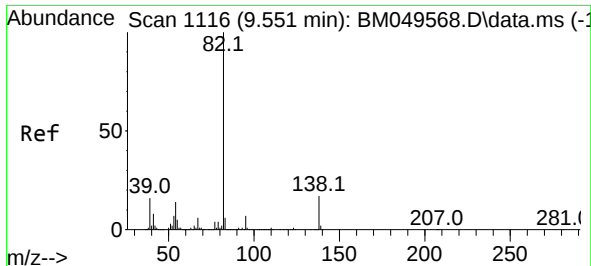
Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion: 77 Resp: 758551

Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.4	50.2
65	12.8	10.5	15.7

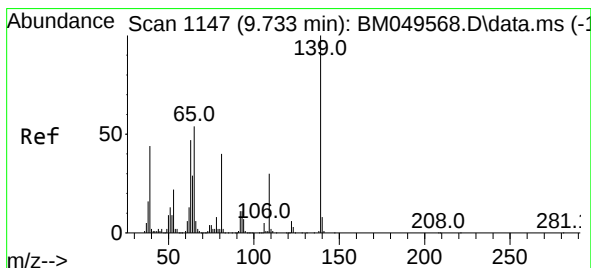
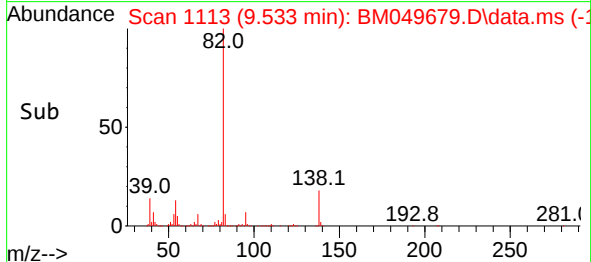
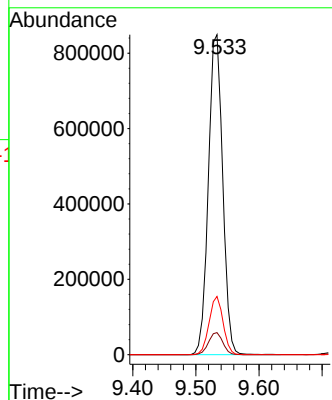
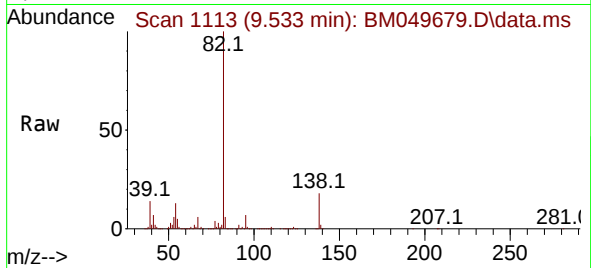




#25
Isophorone
Concen: 41.117 ng
RT: 9.533 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

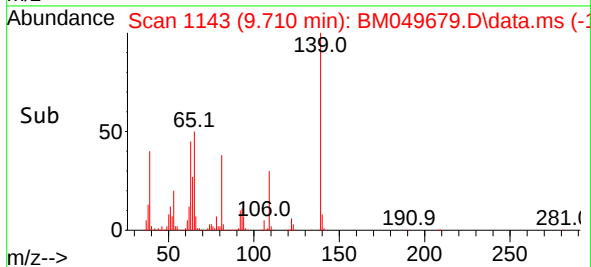
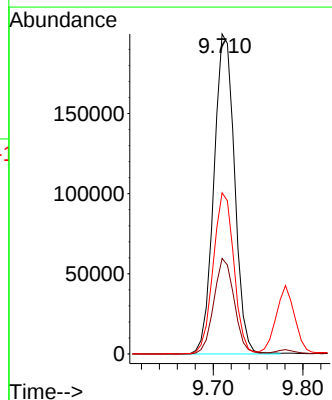
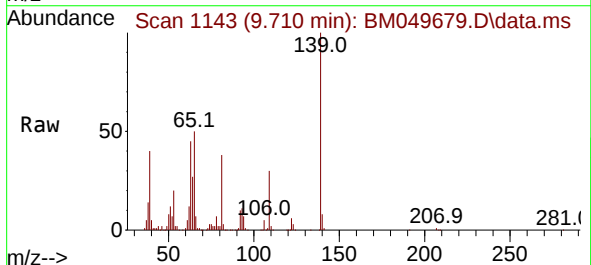
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

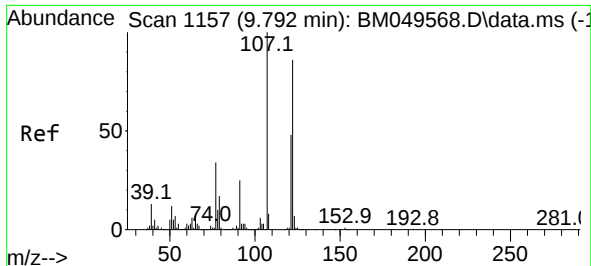
Tgt Ion: 82 Resp: 1336128
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.2 13.6 20.4



#26
2-Nitrophenol
Concen: 51.980 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:139 Resp: 318891
Ion Ratio Lower Upper
139 100
109 29.8 24.2 36.2
65 50.4 43.4 65.2

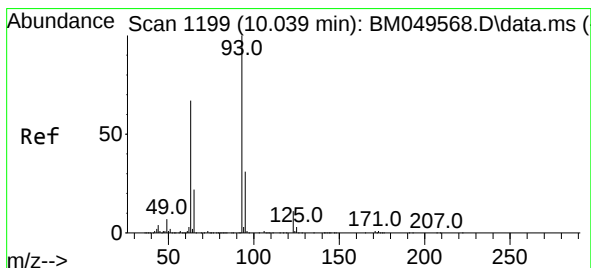
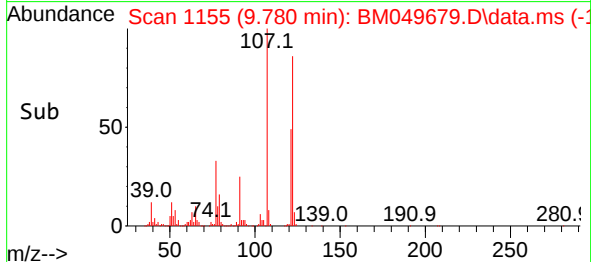
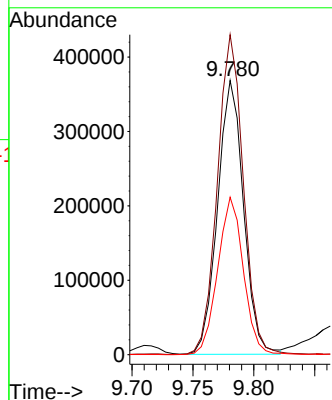
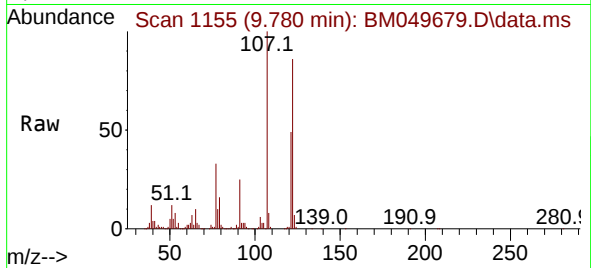




#27
2,4-Dimethylphenol
Concen: 53.180 ng
RT: 9.780 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

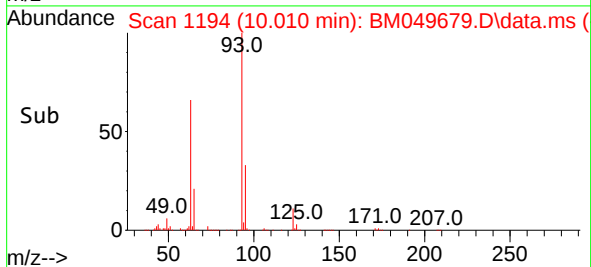
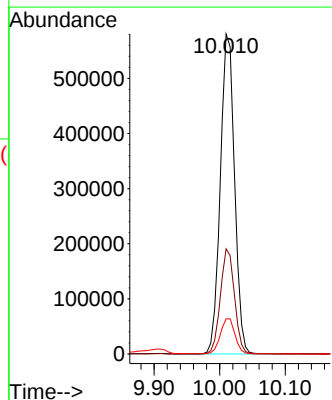
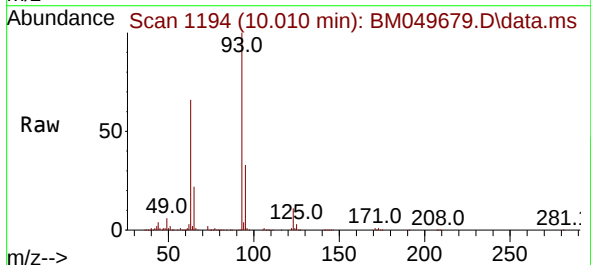
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

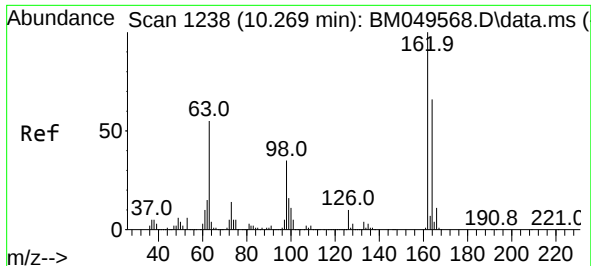
Tgt Ion:122 Resp: 546415
Ion Ratio Lower Upper
122 100
107 116.7 93.2 139.8
121 57.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.669 ng
RT: 10.010 min Scan# 1194
Delta R.T. -0.029 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion: 93 Resp: 872108
Ion Ratio Lower Upper
93 100
95 32.8 25.2 37.8
123 11.0 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 47.336 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

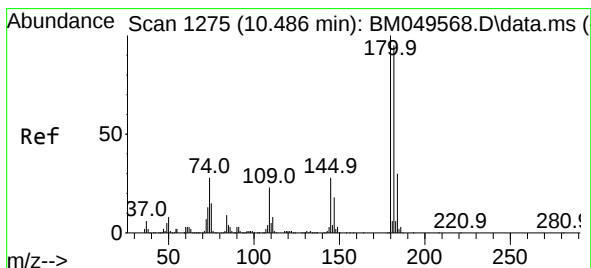
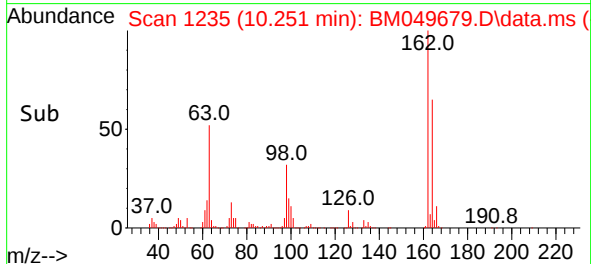
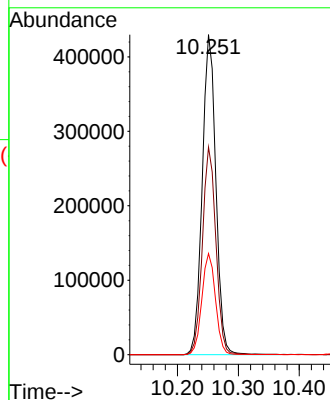
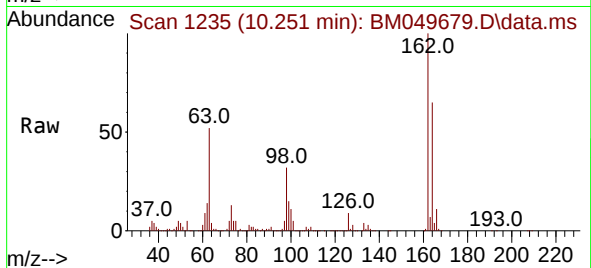
Tgt Ion:162 Resp: 669808

Ion Ratio Lower Upper

162 100

164 64.9 46.0 86.0

98 31.6 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 46.195 ng

RT: 10.463 min Scan# 1271

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

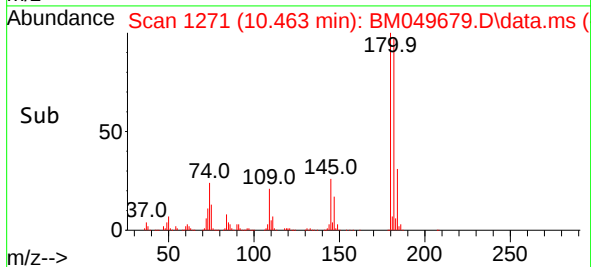
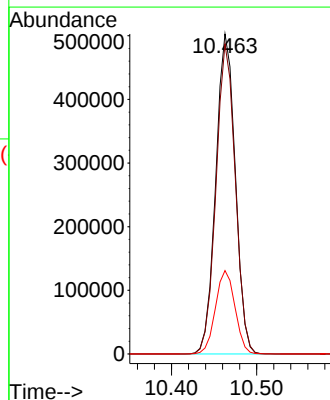
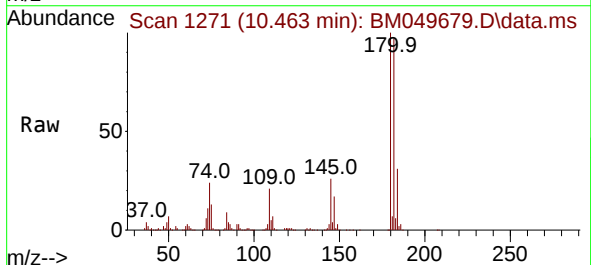
Tgt Ion:180 Resp: 800846

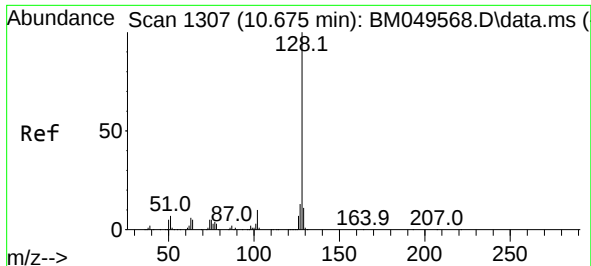
Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

145 26.0 22.5 33.7

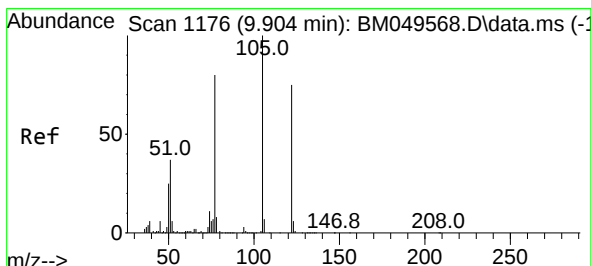
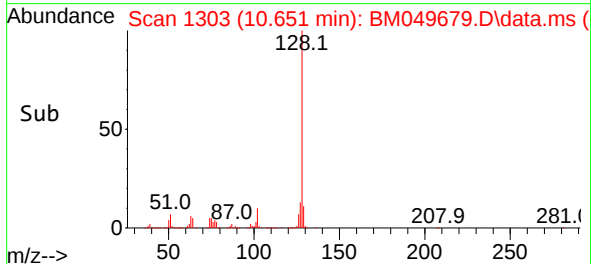
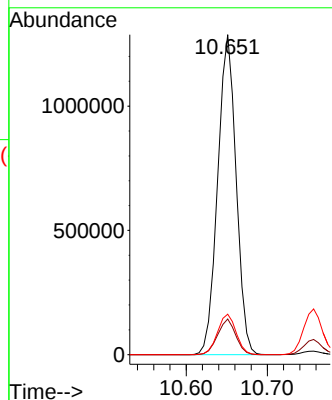
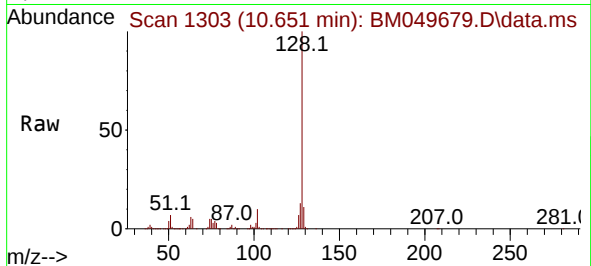




#31
Naphthalene
Concen: 41.637 ng
RT: 10.651 min Scan# 1177
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

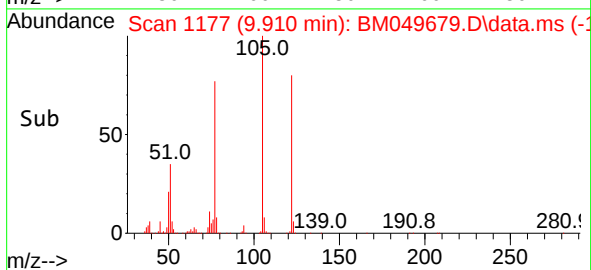
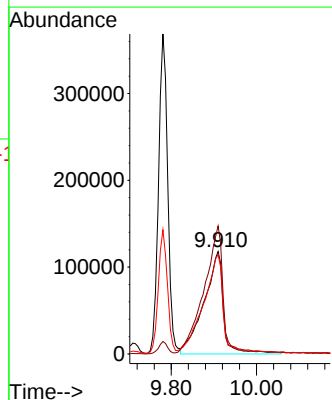
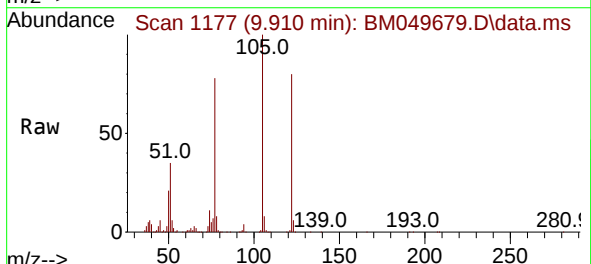
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

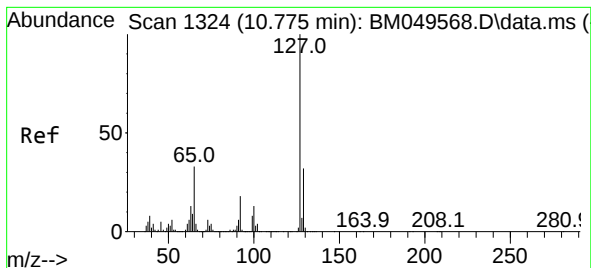
Tgt Ion:128 Resp: 2035267
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.7 10.6 15.8



#32
Benzoic acid
Concen: 55.461 ng m
RT: 9.910 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:122 Resp: 376312
Ion Ratio Lower Upper
122 100
105 125.1 103.6 143.6
77 97.1 82.4 122.4





#33

4-Chloroaniline

Concen: 16.518 ng

RT: 10.757 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

Tgt Ion:127 Resp: 302224

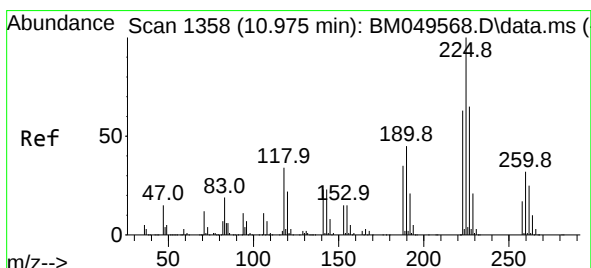
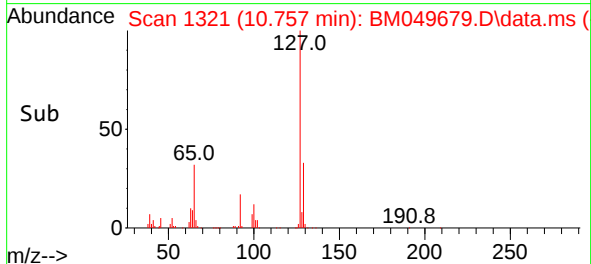
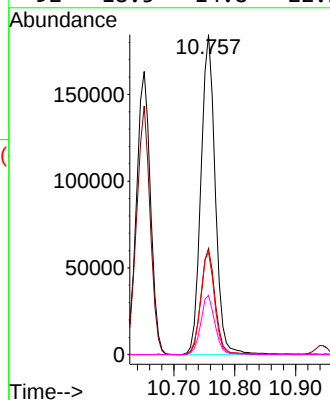
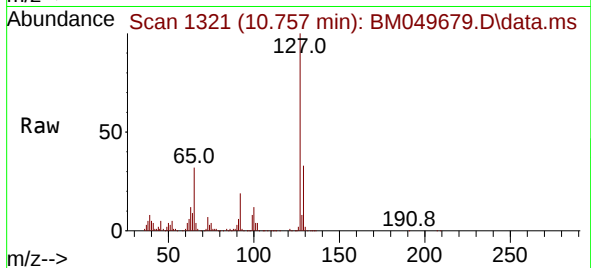
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 32.0 26.4 39.6

92 18.5 14.8 22.2



#34

Hexachlorobutadiene

Concen: 49.096 ng

RT: 10.945 min Scan# 1353

Delta R.T. -0.029 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

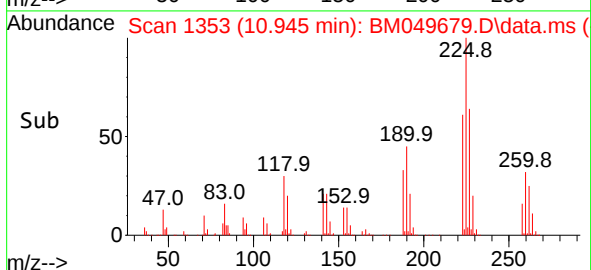
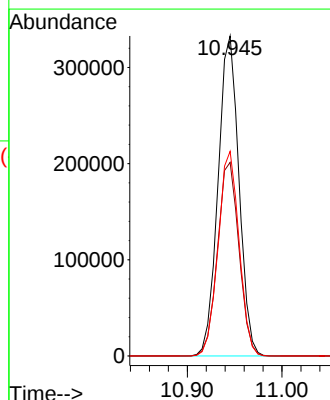
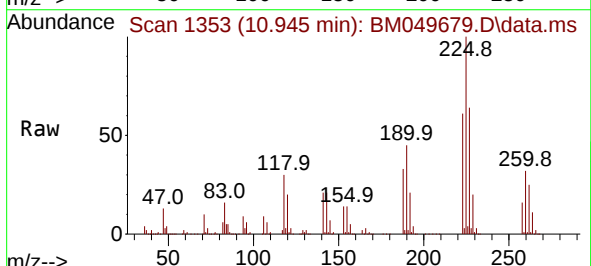
Tgt Ion:225 Resp: 509695

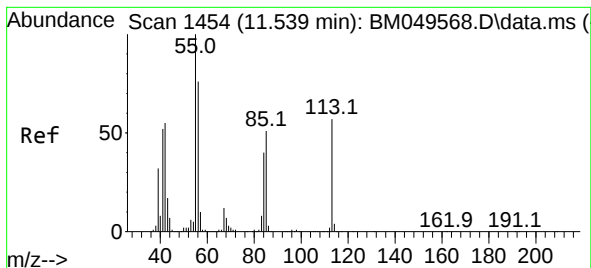
Ion Ratio Lower Upper

225 100

223 60.5 50.6 75.8

227 64.0 51.8 77.6

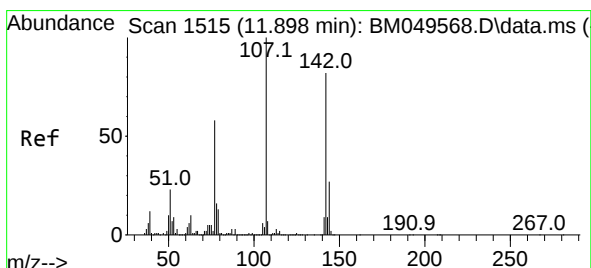
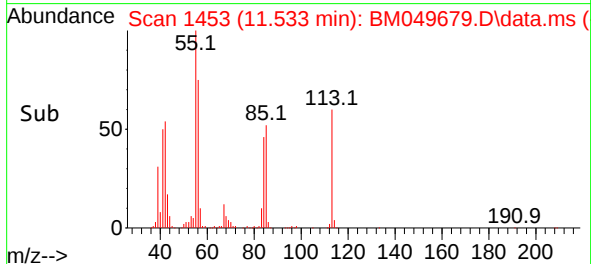
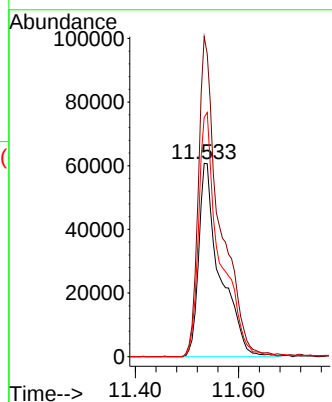
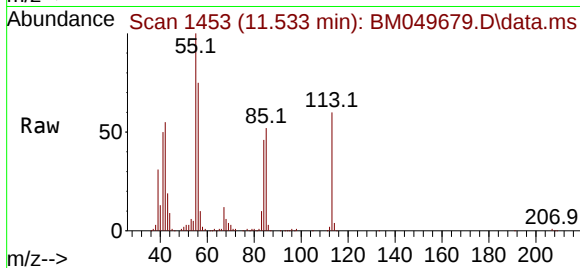




#35
 Caprolactam
 Concen: 40.194 ng
 RT: 11.533 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

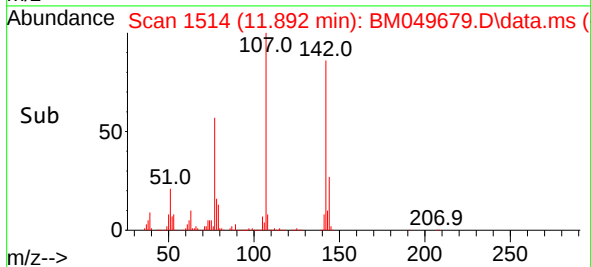
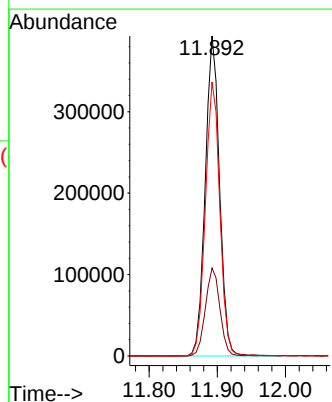
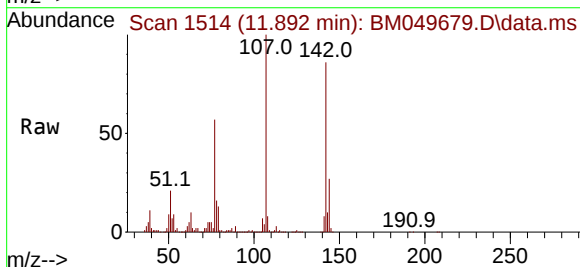
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

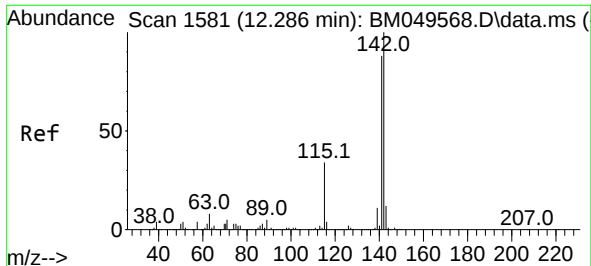
Tgt Ion:113 Resp: 173510
 Ion Ratio Lower Upper
 113 100
 55 165.6 157.5 197.5
 56 123.8 114.6 154.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.636 ng
 RT: 11.892 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Tgt Ion:107 Resp: 573430
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.2 31.8
 142 85.6 65.4 98.2





#37

2-Methylnaphthalene

Concen: 40.182 ng

RT: 12.263 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

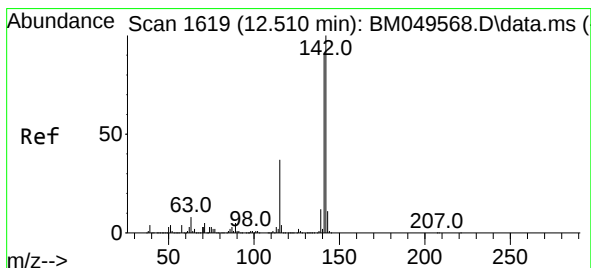
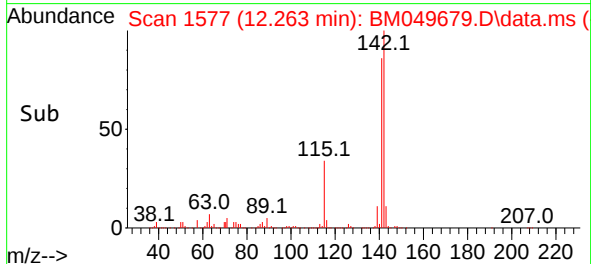
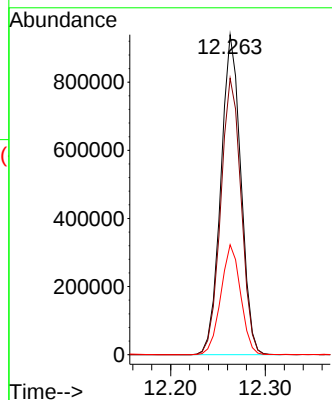
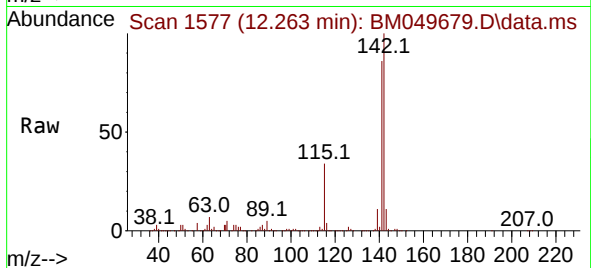
Tgt Ion:142 Resp: 1382877

Ion Ratio Lower Upper

142 100

141 86.4 70.2 105.4

115 34.3 27.5 41.3



#38

1-Methylnaphthalene

Concen: 40.186 ng

RT: 12.486 min Scan# 1615

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

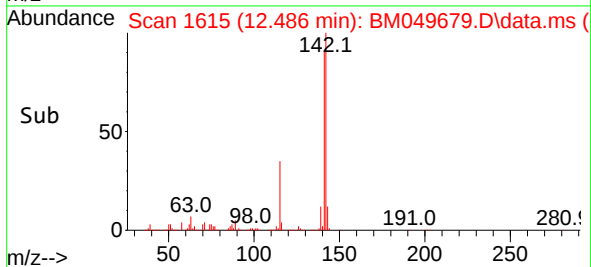
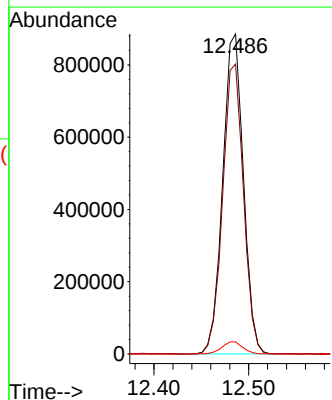
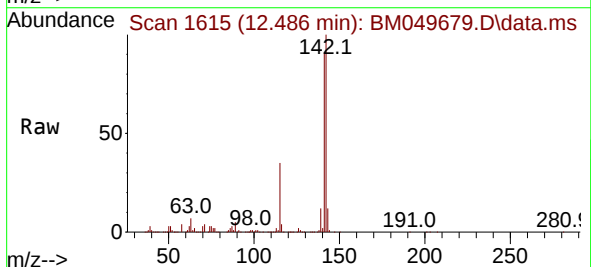
Tgt Ion:142 Resp: 1345628

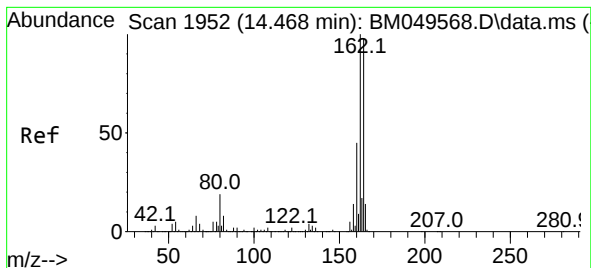
Ion Ratio Lower Upper

142 100

141 90.6 73.1 109.7

116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1952

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

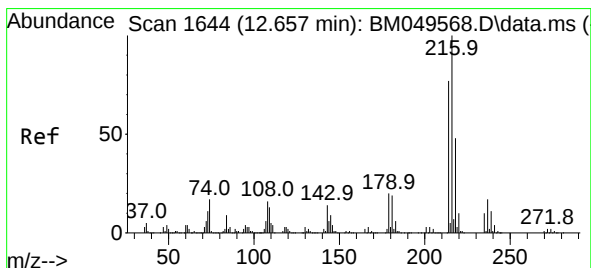
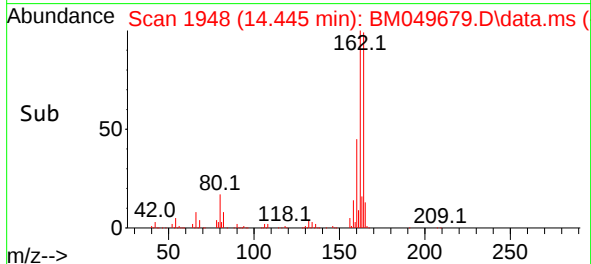
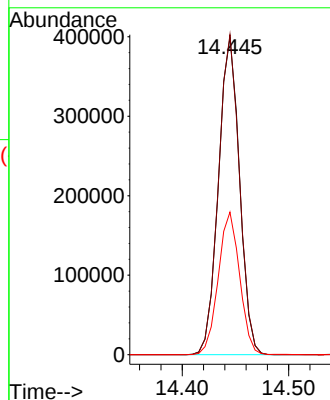
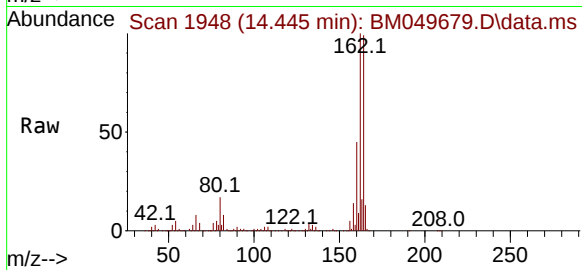
Tgt Ion:164 Resp: 548450

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 44.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.007 ng

RT: 12.633 min Scan# 1640

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion:216 Resp: 1045997

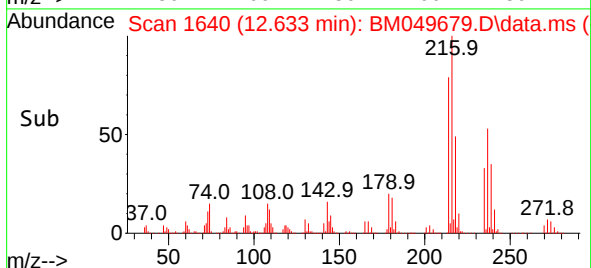
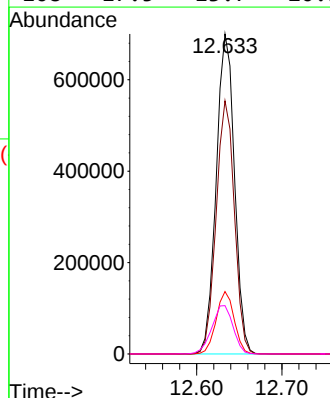
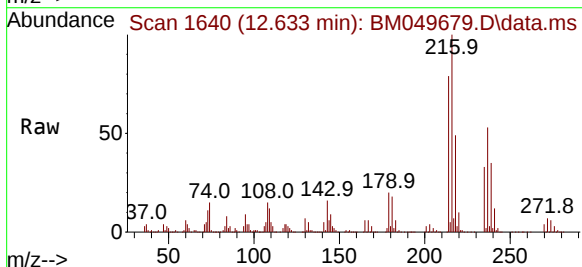
Ion Ratio Lower Upper

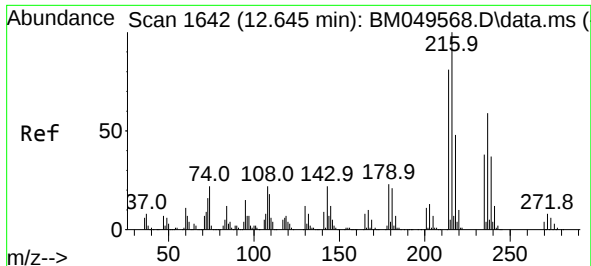
216 100

214 78.9 62.4 93.6

179 19.3 16.3 24.5

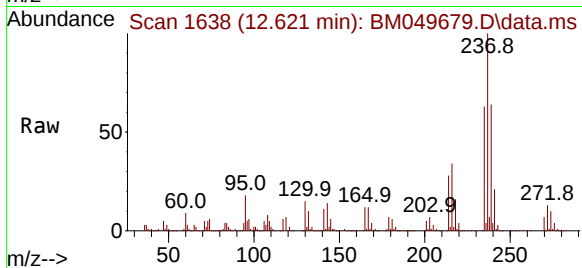
108 17.5 13.7 20.5



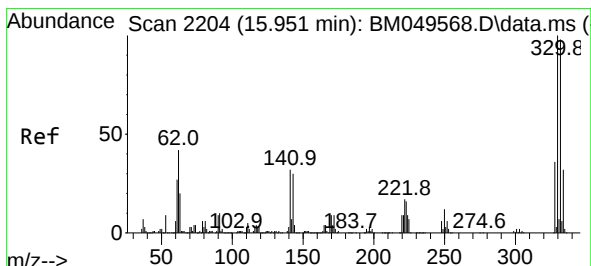
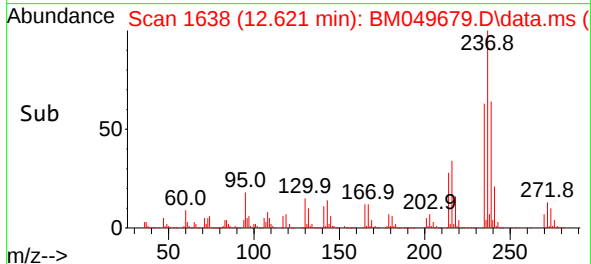
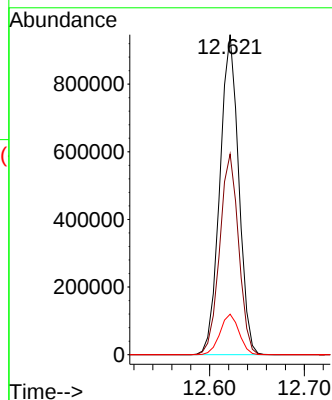


#41
Hexachlorocyclopentadiene
Concen: 284.099 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

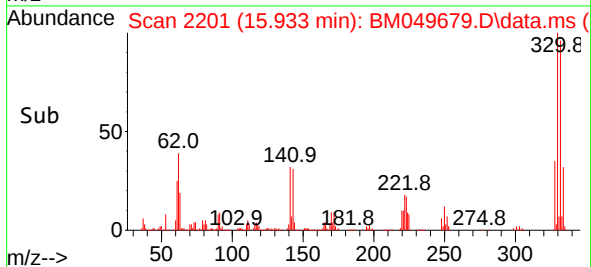
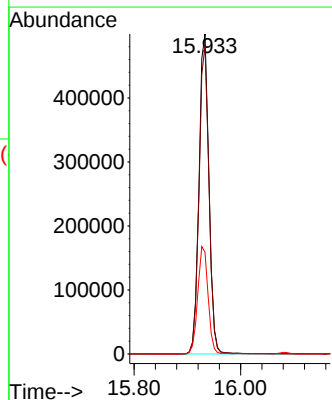
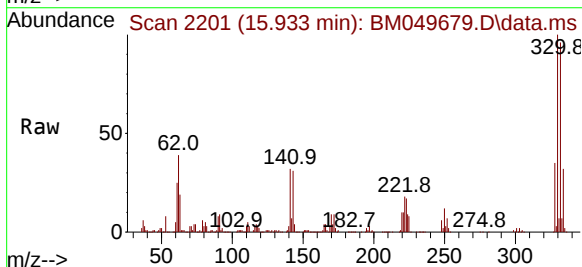


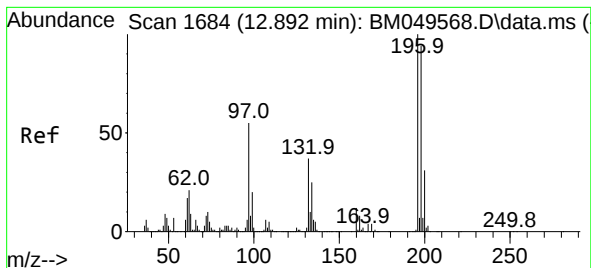
Tgt Ion:237 Resp: 1307807
Ion Ratio Lower Upper
237 100
235 62.7 43.8 83.8
272 12.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 100.083 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:330 Resp: 650408
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 35.0 28.2 42.2





#43

2,4,6-Trichlorophenol

Concen: 52.470 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

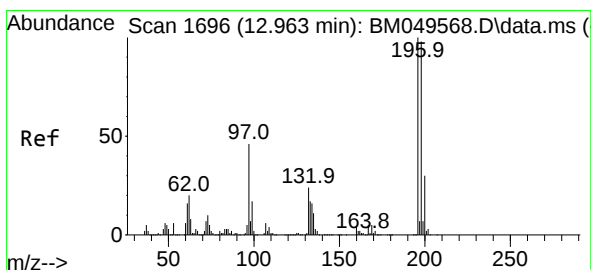
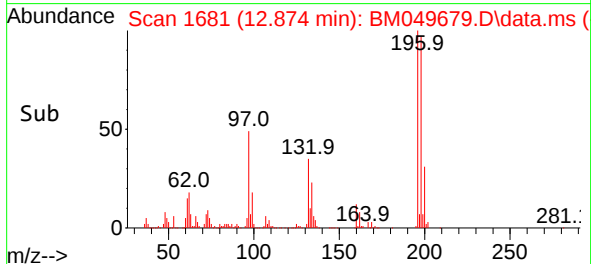
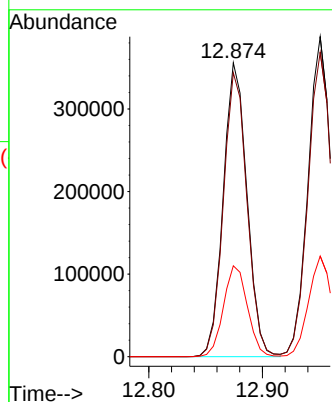
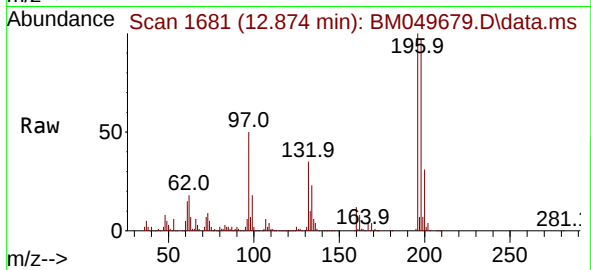
Tgt Ion:196 Resp: 516299

Ion Ratio Lower Upper

196 100

198 96.6 75.4 113.0

200 30.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 51.850 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.012 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion:196 Resp: 560687

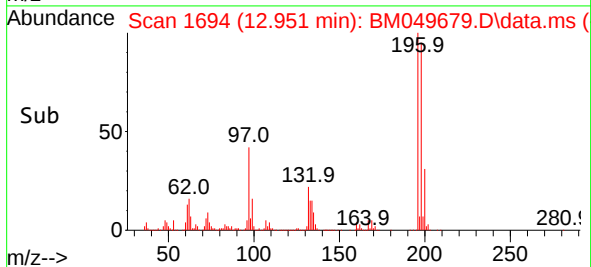
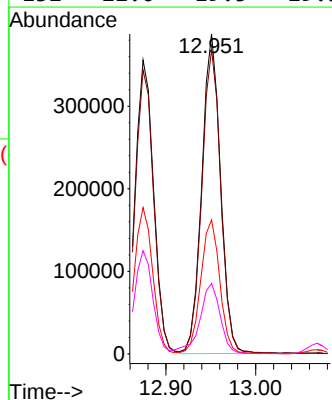
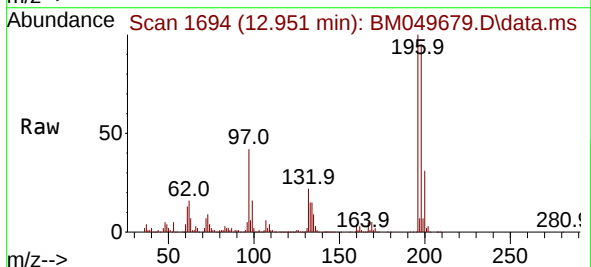
Ion Ratio Lower Upper

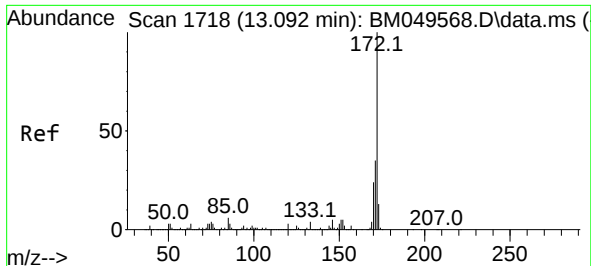
196 100

198 95.1 78.4 117.6

97 41.9 37.4 56.0

132 22.0 19.5 29.3

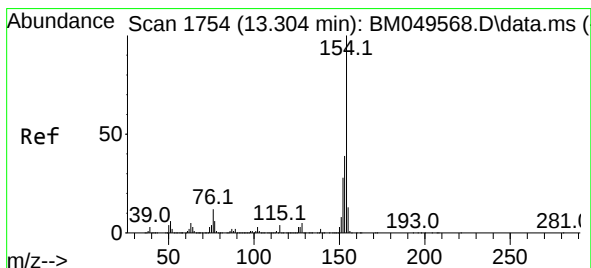
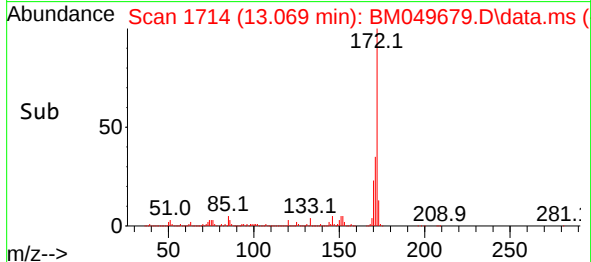
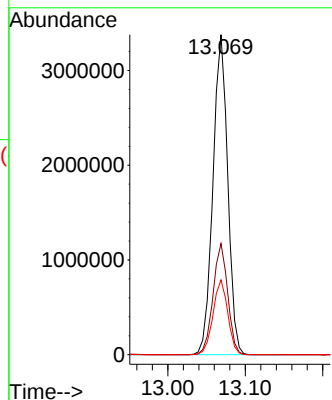
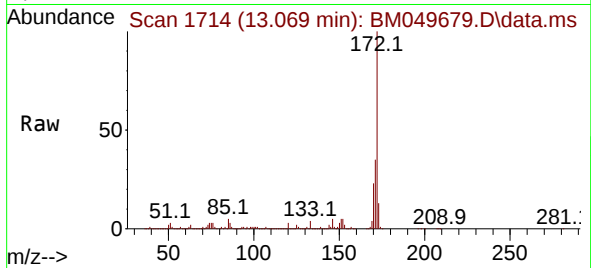




#45
2-Fluorobiphenyl
Concen: 105.458 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

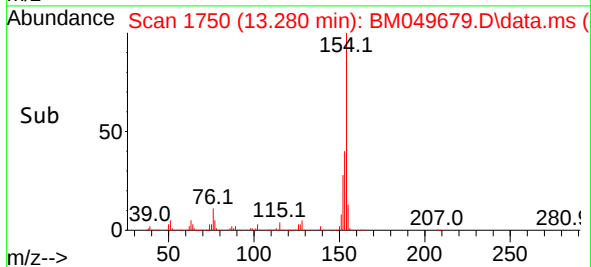
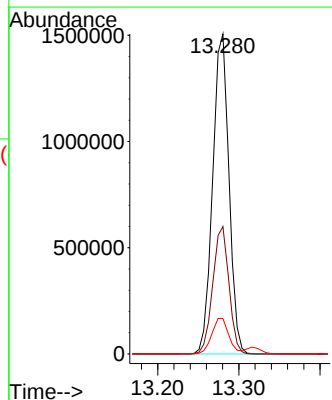
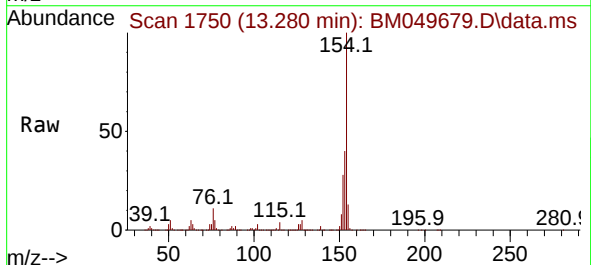
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

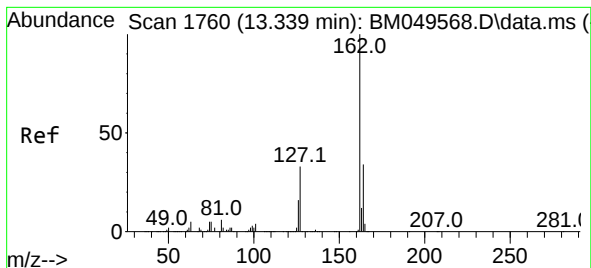
Tgt Ion:172 Resp: 4464726
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 50.019 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:154 Resp: 2092734
Ion Ratio Lower Upper
154 100
153 39.8 19.5 59.5
76 11.1 0.0 32.1





#47

2-Chloronaphthalene

Concen: 45.494 ng

RT: 13.316 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

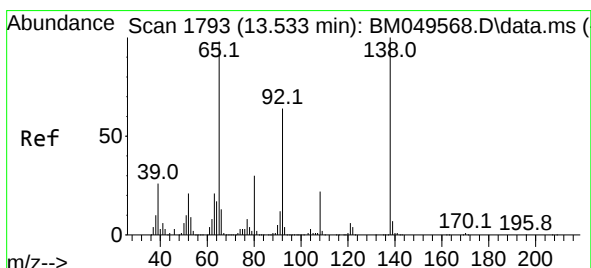
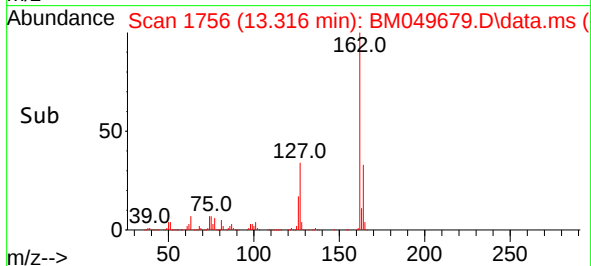
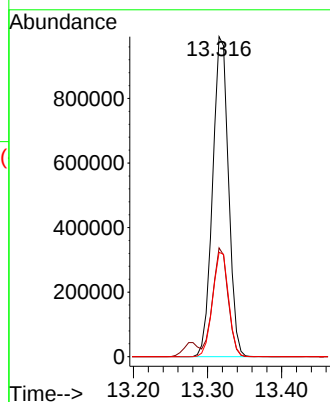
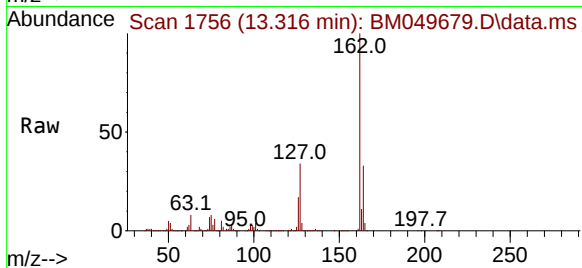
Tgt Ion:162 Resp: 1472675

Ion Ratio Lower Upper

162 100

127 34.0 27.9 41.9

164 32.6 26.8 40.2



#48

2-Nitroaniline

Concen: 42.076 ng

RT: 13.516 min Scan# 1790

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

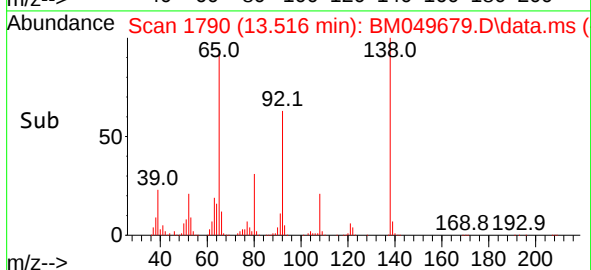
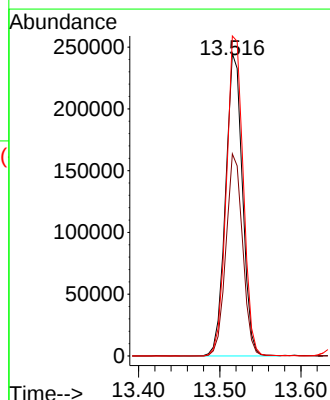
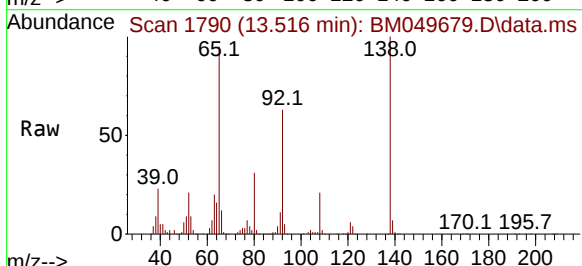
Tgt Ion: 65 Resp: 354357

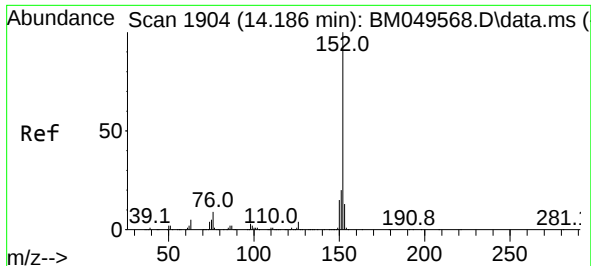
Ion Ratio Lower Upper

65 100

92 66.8 52.0 78.0

138 105.8 81.6 122.4

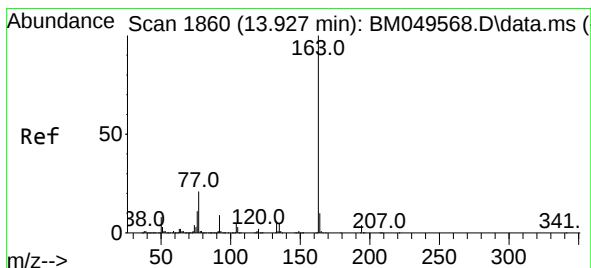
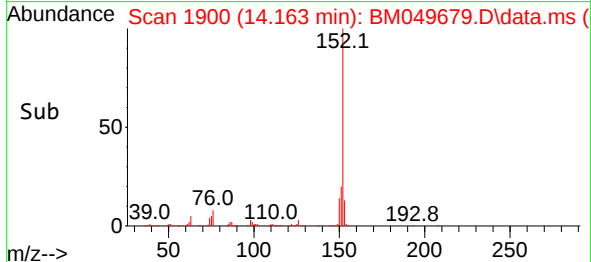
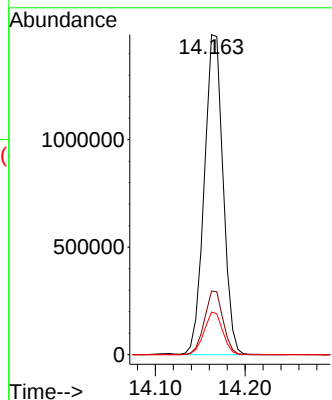
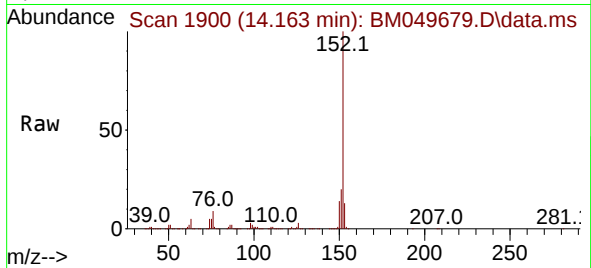




#49
Acenaphthylene
Concen: 45.354 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

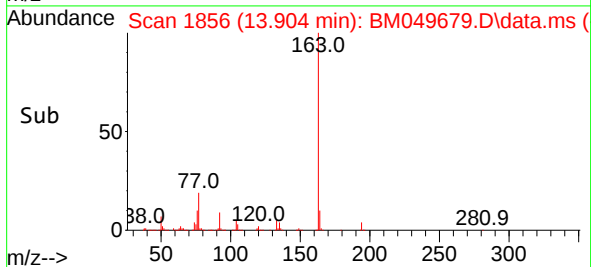
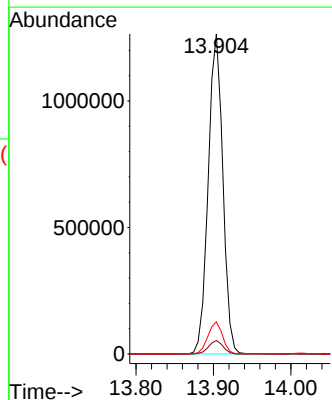
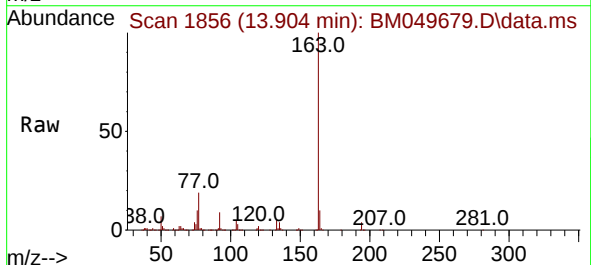
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

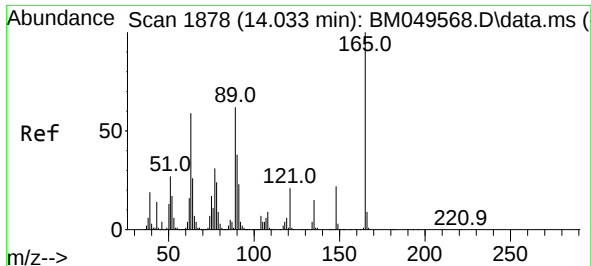
Tgt Ion:152 Resp: 2164861
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 42.057 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:163 Resp: 1656482
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.1 12.1

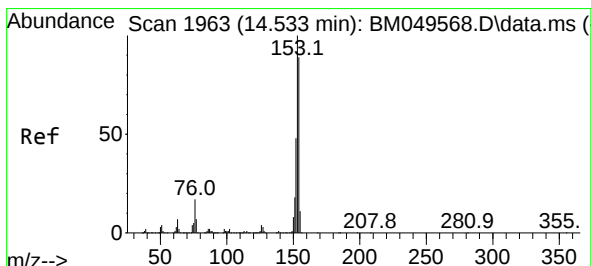
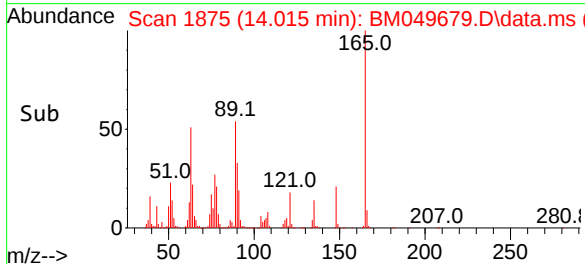
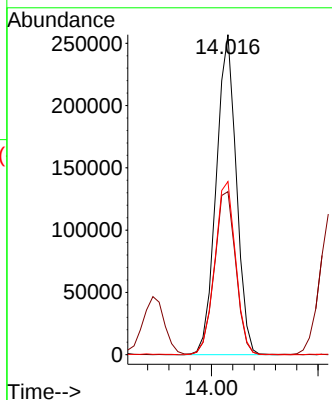
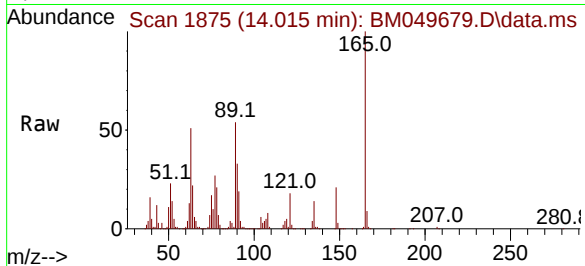




#51
2,6-Dinitrotoluene
Concen: 49.375 ng
RT: 14.015 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

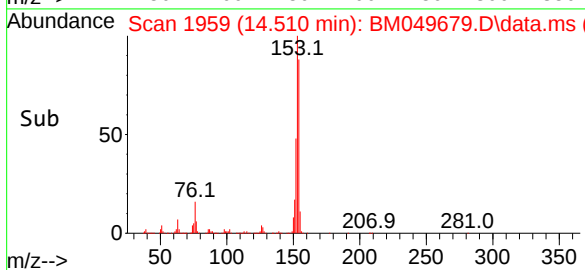
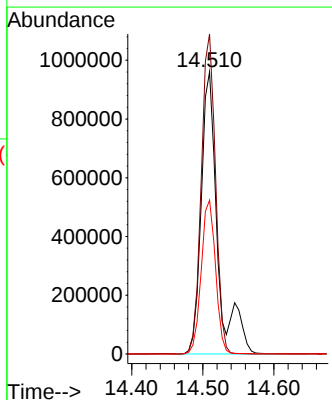
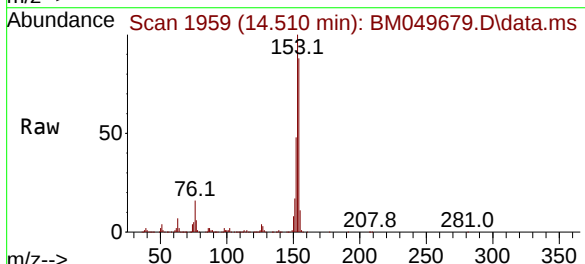
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

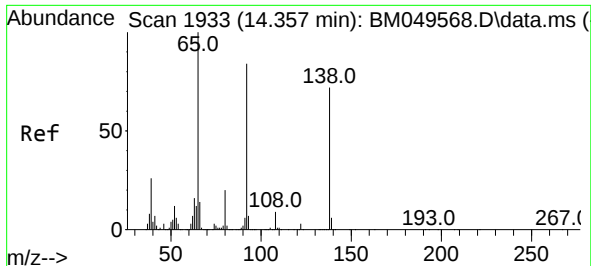
Tgt Ion:165 Resp: 336511
Ion Ratio Lower Upper
165 100
63 51.0 47.8 71.6
89 54.1 49.2 73.8



#52
Acenaphthene
Concen: 48.730 ng m
RT: 14.510 min Scan# 1959
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:154 Resp: 1543924
Ion Ratio Lower Upper
154 100
153 113.5 90.0 135.0
152 54.5 43.0 64.4

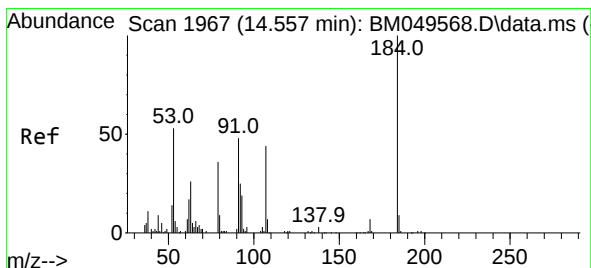
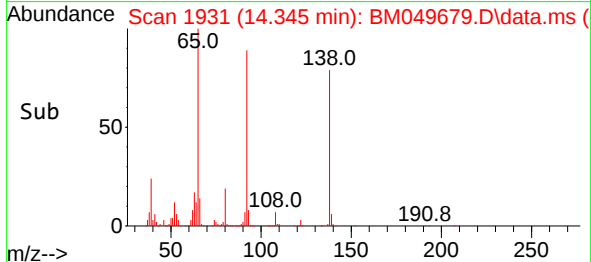
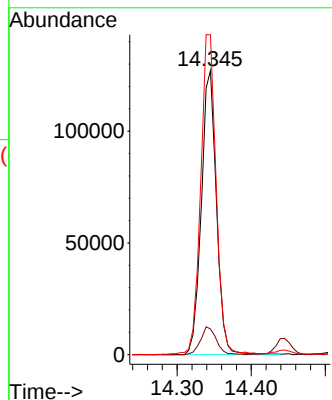
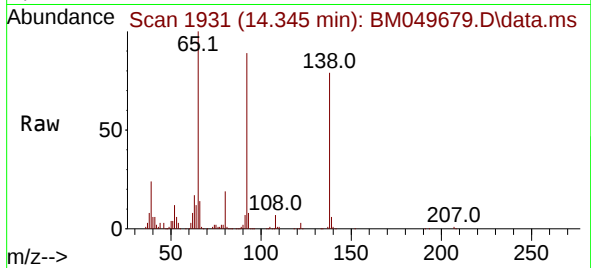




#53
3-Nitroaniline
Concen: 25.999 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

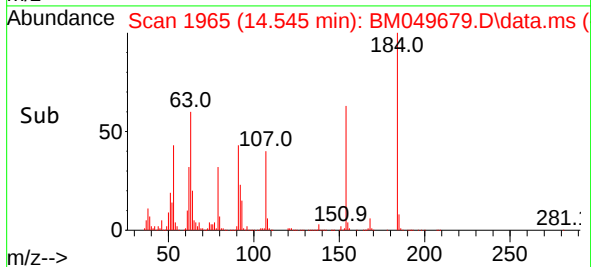
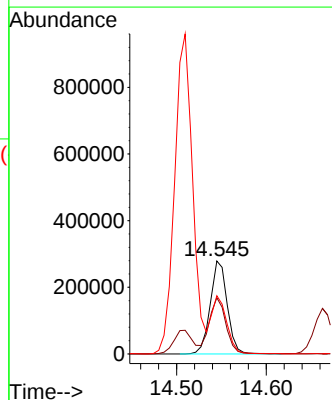
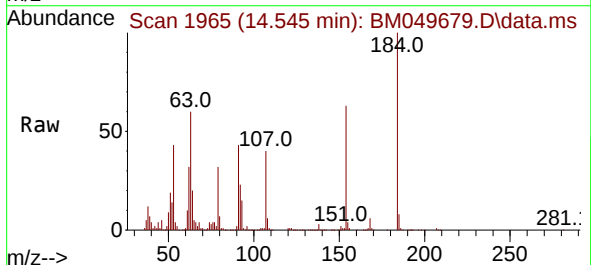
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

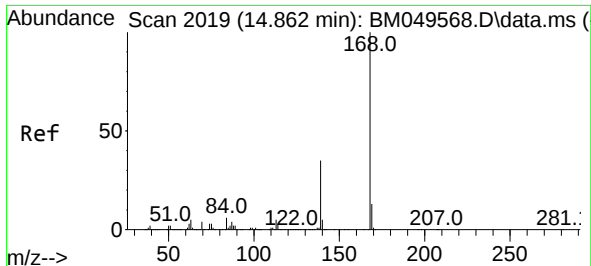
Tgt Ion:138 Resp: 180410
Ion Ratio Lower Upper
138 100
108 9.0 10.3 15.5#
92 112.6 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 114.200 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:184 Resp: 367278
Ion Ratio Lower Upper
184 100
63 60.4 60.2 90.4
154 62.6 78.2 117.4#

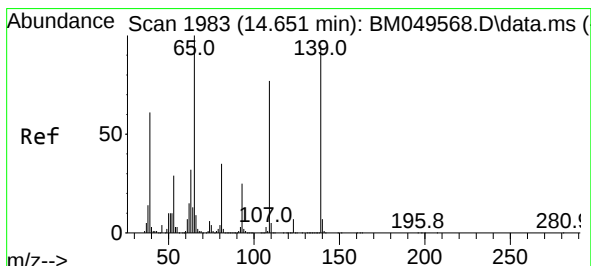
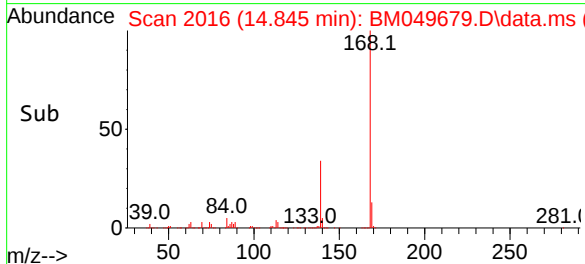
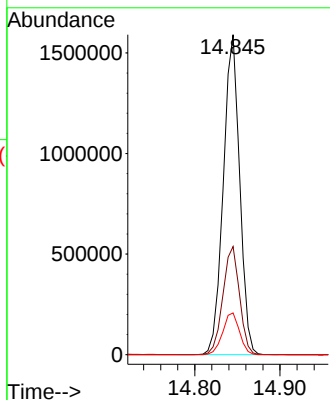
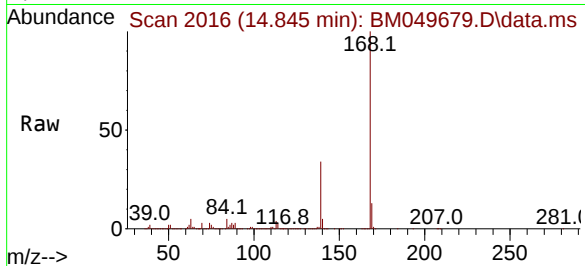




#55
Dibenzenofuran
Concen: 42.043 ng
RT: 14.845 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

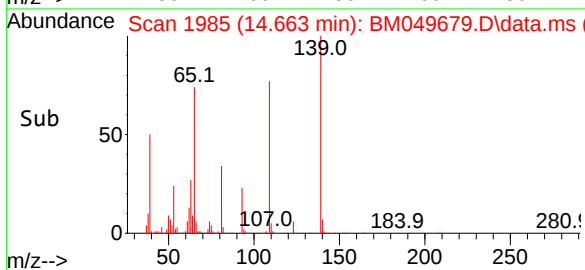
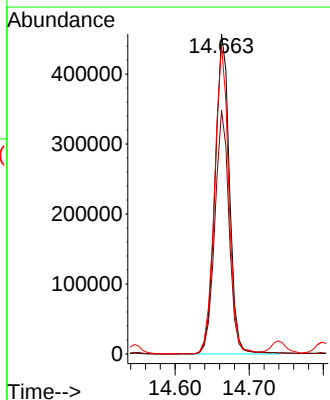
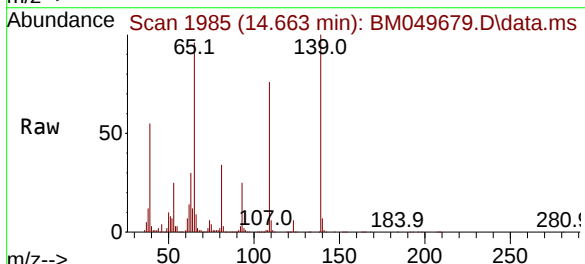
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

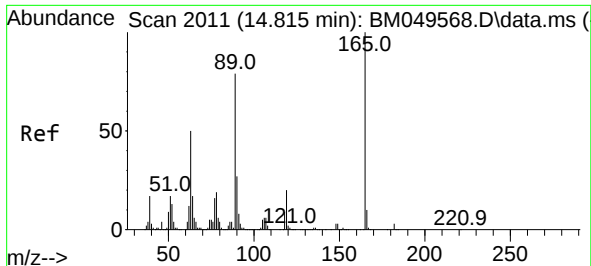
Tgt Ion:168 Resp: 2120997
Ion Ratio Lower Upper
168 100
139 33.8 28.4 42.6
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 105.596 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:139 Resp: 617670
Ion Ratio Lower Upper
139 100
109 76.1 61.4 101.4
65 96.5 85.6 125.6





#57

2,4-Dinitrotoluene

Concen: 48.429 ng

RT: 14.798 min Scan# 2011

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

Tgt Ion:165 Resp: 462718

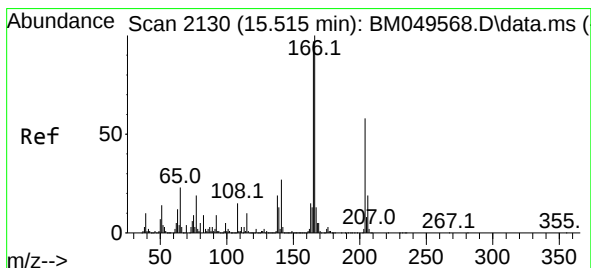
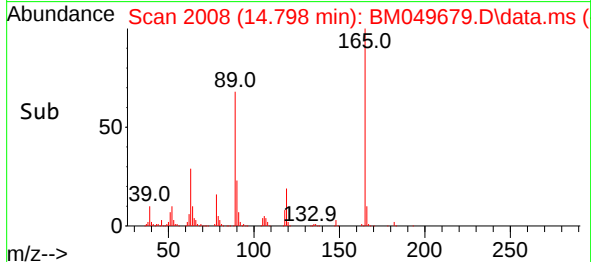
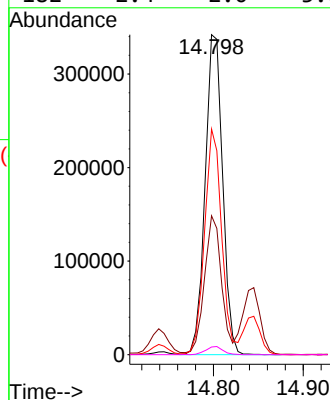
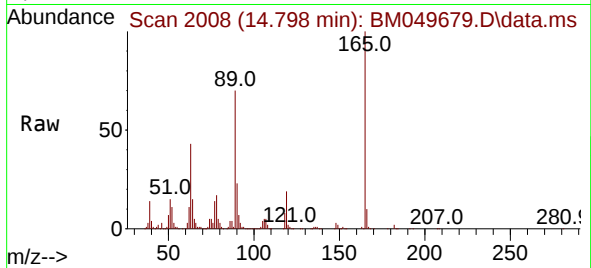
Ion Ratio Lower Upper

165 100

63 43.4 39.8 59.6

89 70.5 63.5 95.3

182 2.4 2.0 3.0



#58

Fluorene

Concen: 42.592 ng

RT: 15.492 min Scan# 2126

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

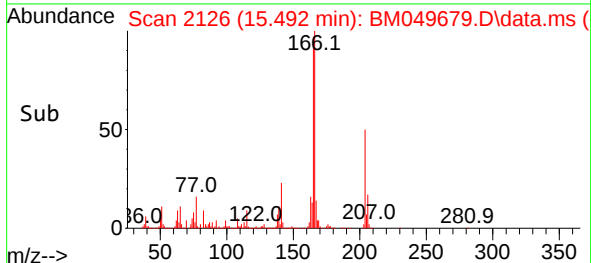
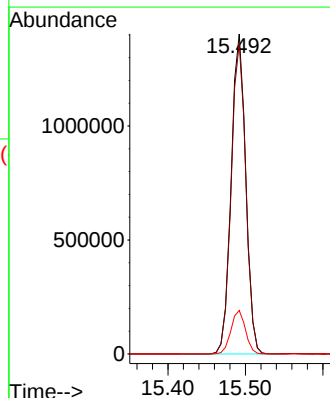
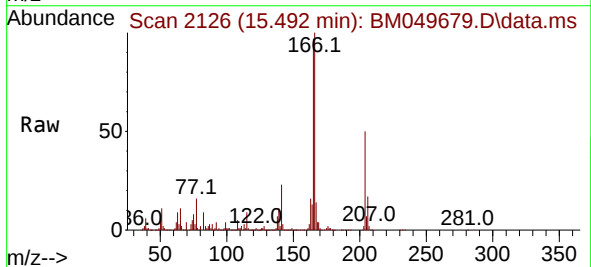
Tgt Ion:166 Resp: 1838140

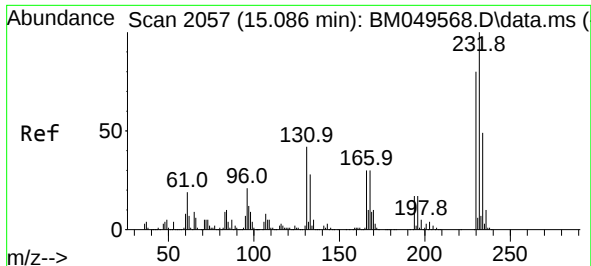
Ion Ratio Lower Upper

166 100

165 97.0 77.7 116.5

167 13.6 10.7 16.1

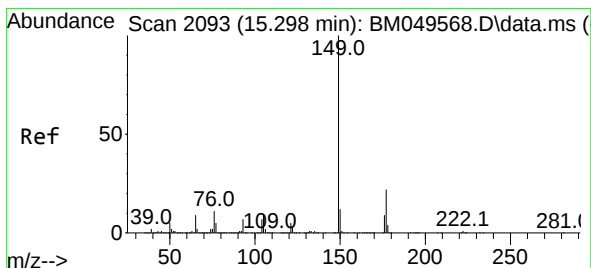
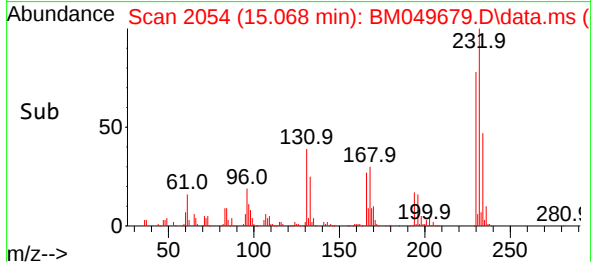
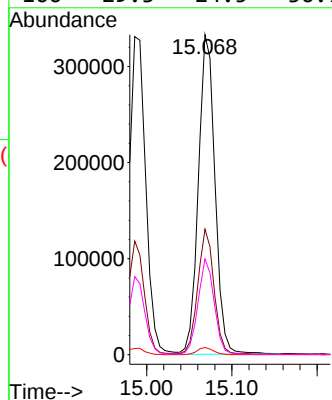
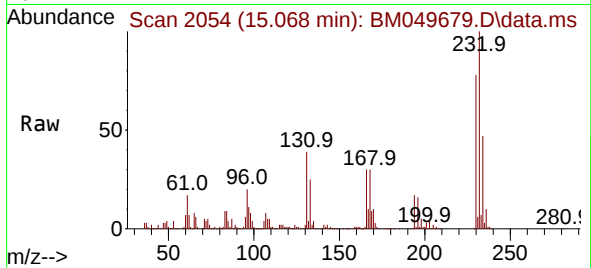




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.241 ng
RT: 15.068 min Scan# 2054
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

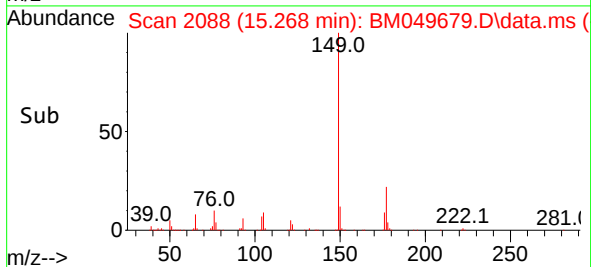
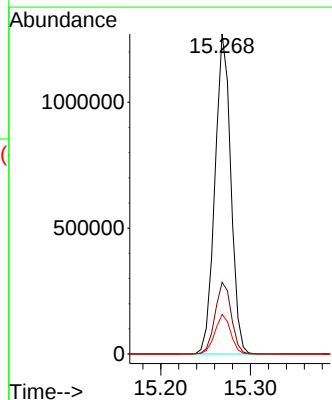
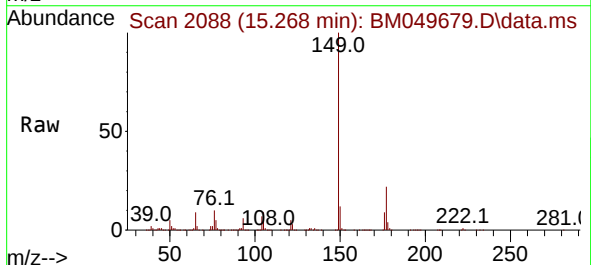
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

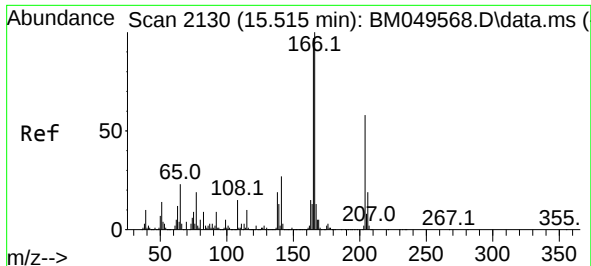
Tgt Ion:232 Resp: 449861
Ion Ratio Lower Upper
232 100
131 38.9 34.5 51.7
130 2.2 1.9 2.9
166 29.3 24.5 36.7



#60
Diethylphthalate
Concen: 39.473 ng
RT: 15.268 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:149 Resp: 1562473
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.4 9.7 14.5

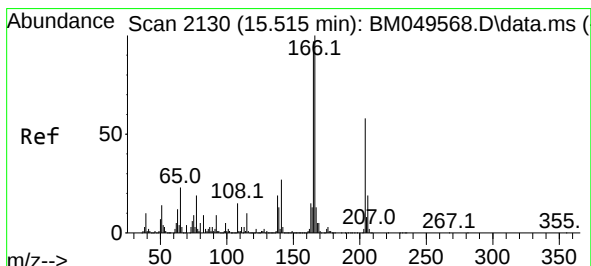
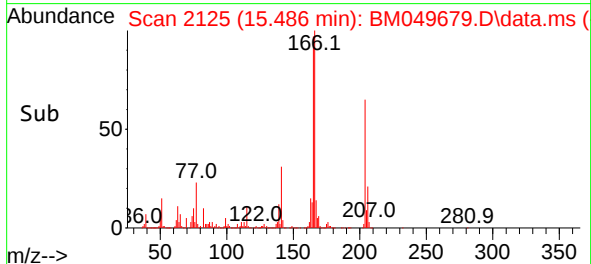
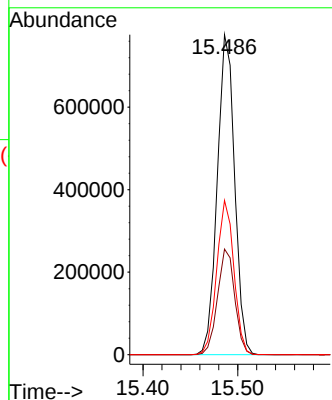
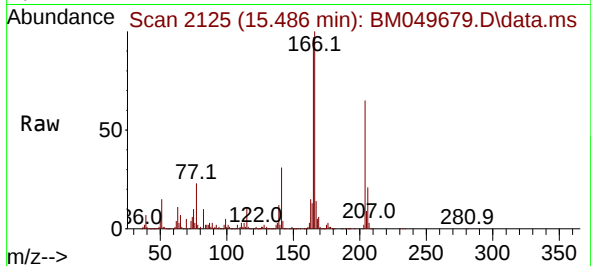




#61
4-Chlorophenyl-phenylether
Concen: 43.034 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.029 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

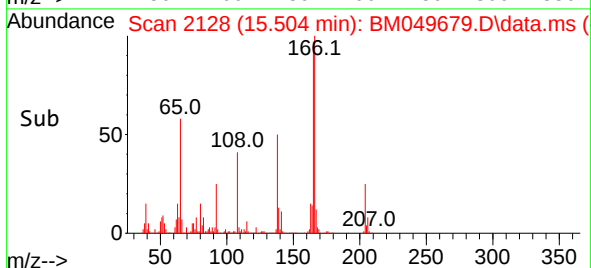
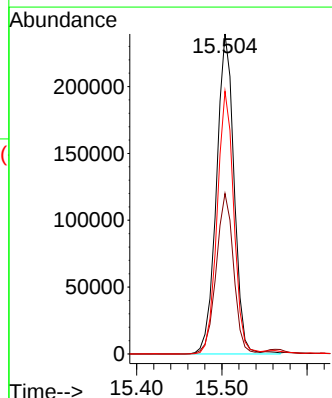
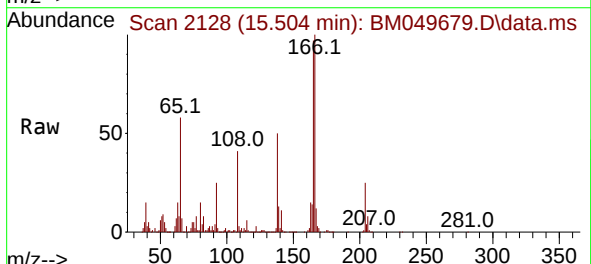
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

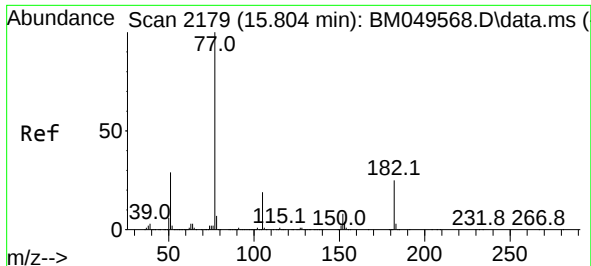
Tgt Ion:204 Resp: 988503
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 48.2 37.1 55.7



#62
4-Nitroaniline
Concen: 39.221 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:138 Resp: 344609
Ion Ratio Lower Upper
138 100
92 50.1 29.3 69.3
108 82.1 60.1 100.1



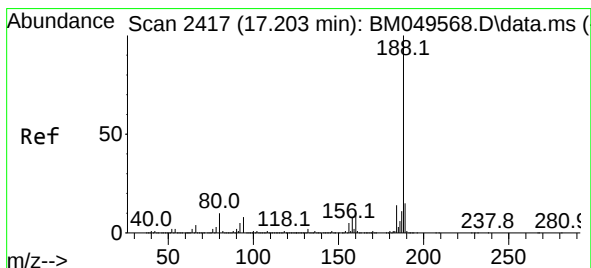
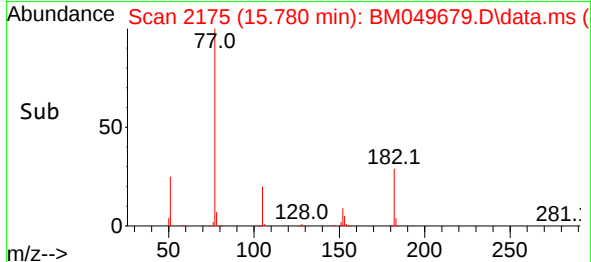
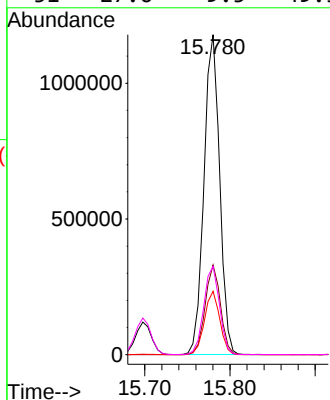
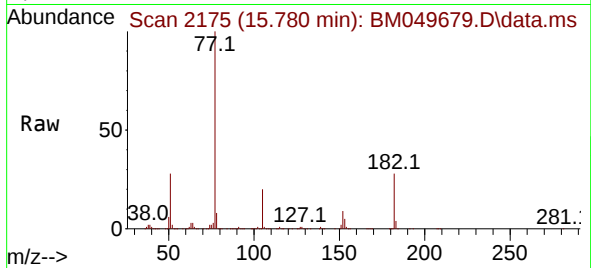


#63
 Azobenzene
 Concen: 36.416 ng
 RT: 15.780 min Scan# 2179
 Delta R.T. -0.024 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

Tgt Ion: 77 Resp: 1504557

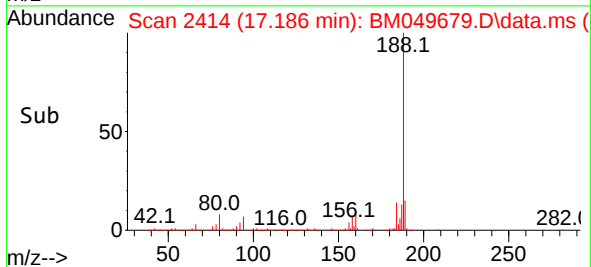
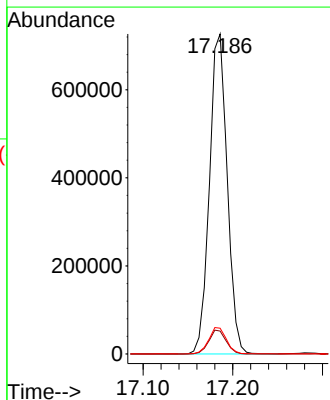
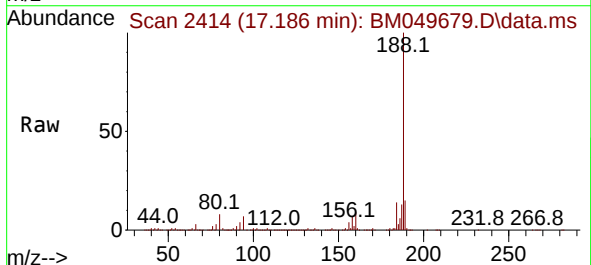
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.7	44.7
105	19.8	0.0	39.3
51	27.6	9.5	49.5

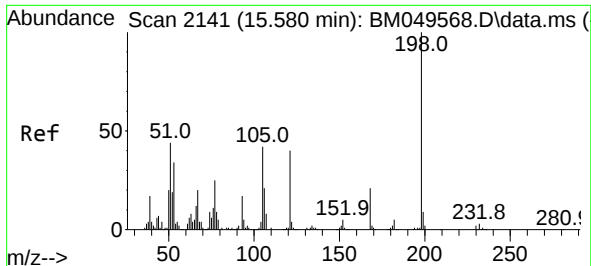


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.186 min Scan# 2414
 Delta R.T. -0.018 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Tgt Ion: 188 Resp: 998908

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.0	7.7	11.5

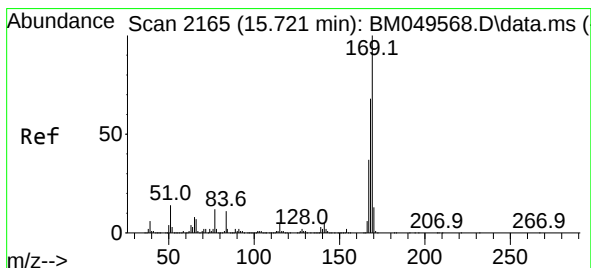
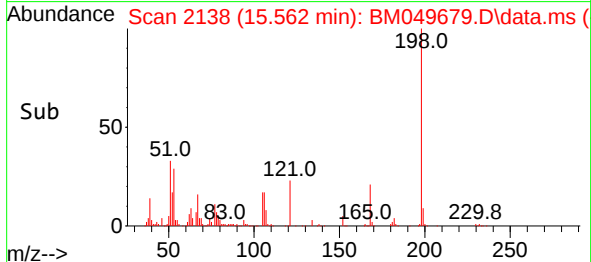
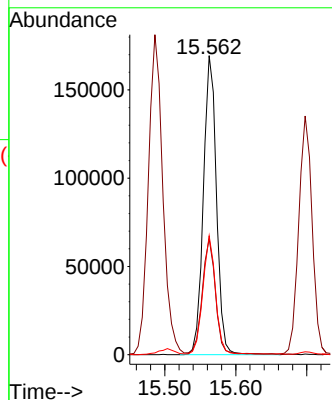
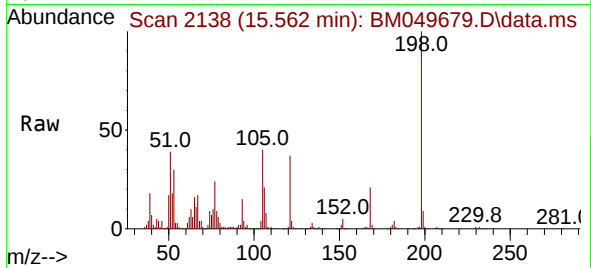




#65
4,6-Dinitro-2-methylphenol
Concen: 64.303 ng
RT: 15.562 min Scan# 2141
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

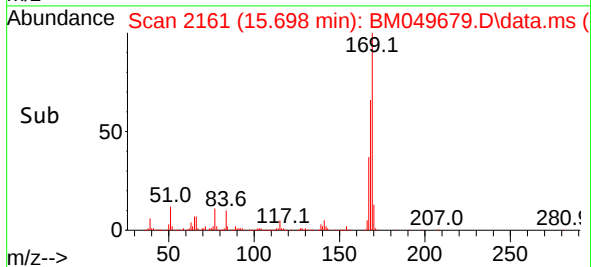
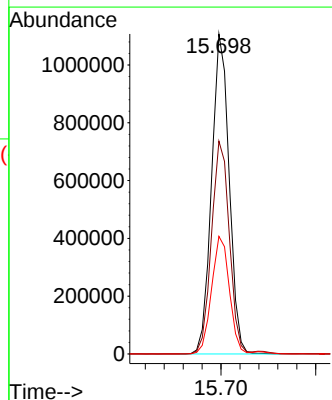
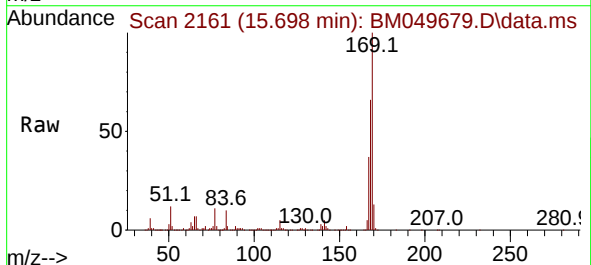
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

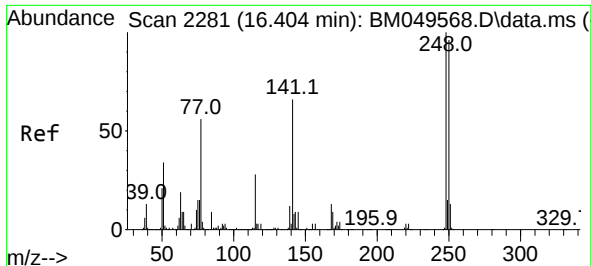
Tgt Ion:198 Resp: 217520
Ion Ratio Lower Upper
198 100
51 38.8 26.9 66.9
105 39.7 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 45.098 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:169 Resp: 1420690
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 36.7 29.5 44.3

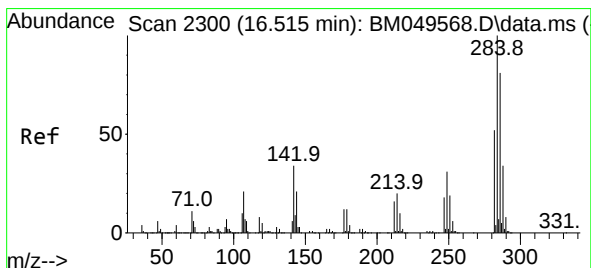
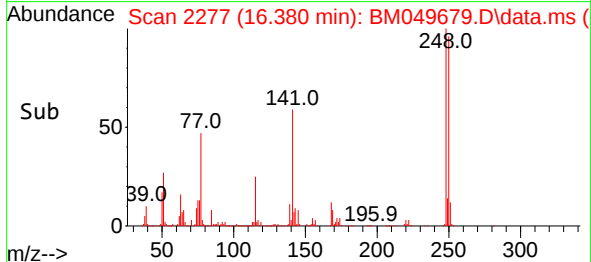
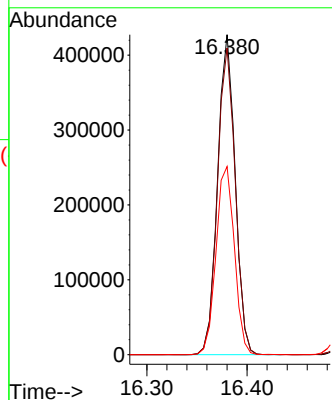
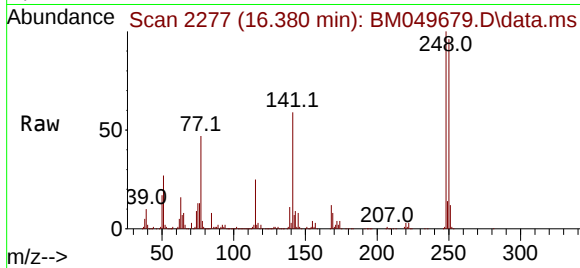




#67
4-Bromophenyl-phenylether
Concen: 44.820 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

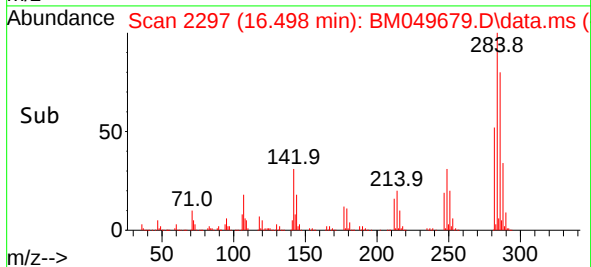
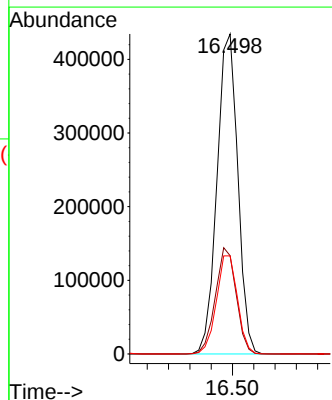
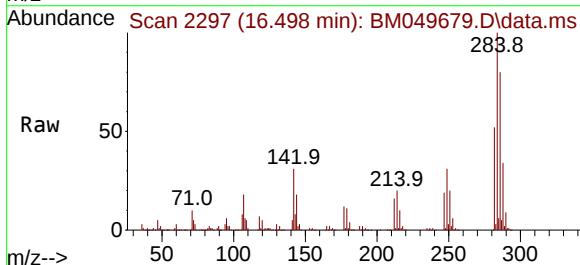
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

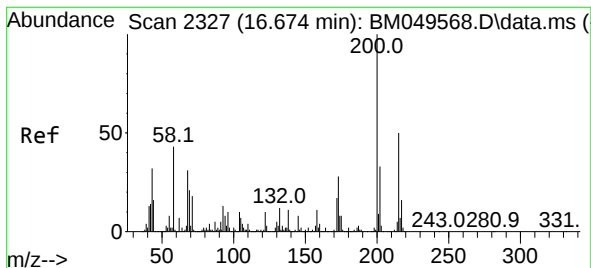
Tgt Ion:248 Resp: 520131
Ion Ratio Lower Upper
248 100
250 95.9 77.0 115.4
141 58.8 53.0 79.4



#68
Hexachlorobenzene
Concen: 44.138 ng
RT: 16.498 min Scan# 2297
Delta R.T. -0.018 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:284 Resp: 587890
Ion Ratio Lower Upper
284 100
142 30.7 27.1 40.7
249 30.6 24.6 36.8





#69

Atrazine

Concen: 56.717 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

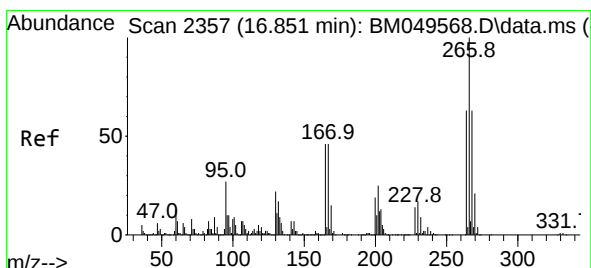
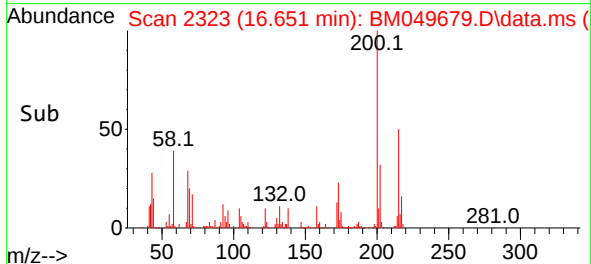
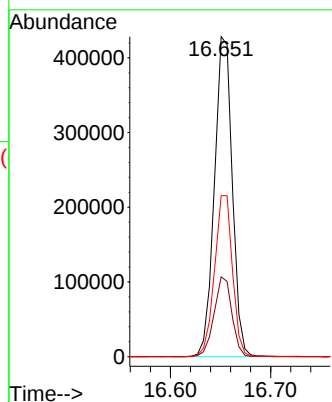
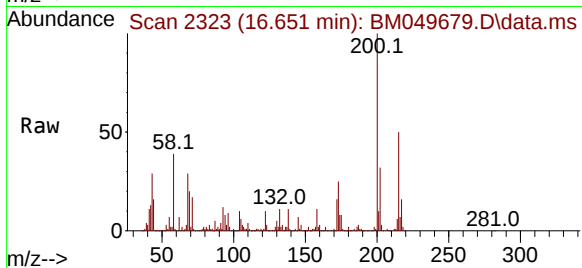
Tgt Ion:200 Resp: 531126

Ion Ratio Lower Upper

200 100

173 25.0 7.6 47.6

215 50.3 30.2 70.2



#70

Pentachlorophenol

Concen: 87.487 ng

RT: 16.839 min Scan# 2355

Delta R.T. -0.012 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

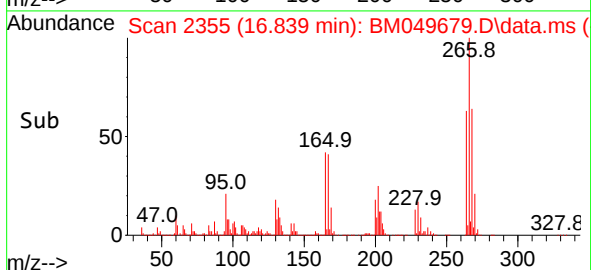
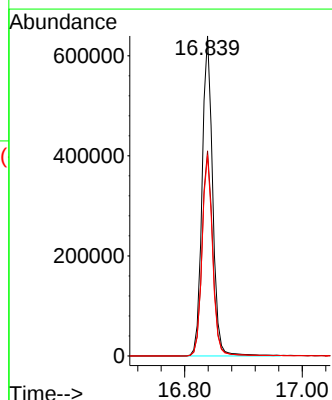
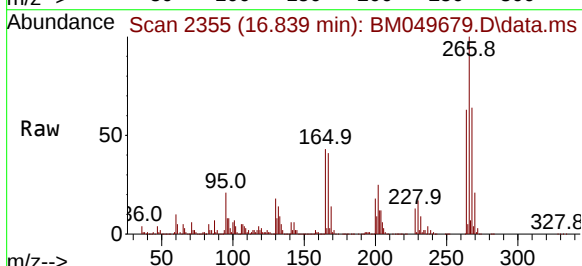
Tgt Ion:266 Resp: 793670

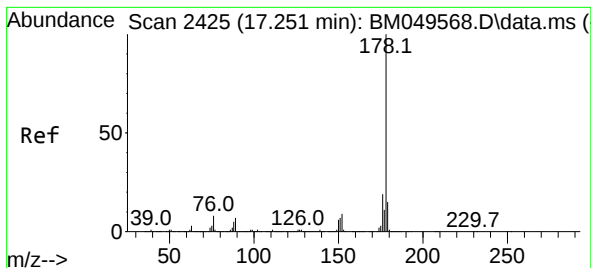
Ion Ratio Lower Upper

266 100

268 64.1 50.8 76.2

264 62.8 50.0 75.0





#71

Phenanthrene

Concen: 44.505 ng

RT: 17.227 min Scan# 24

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

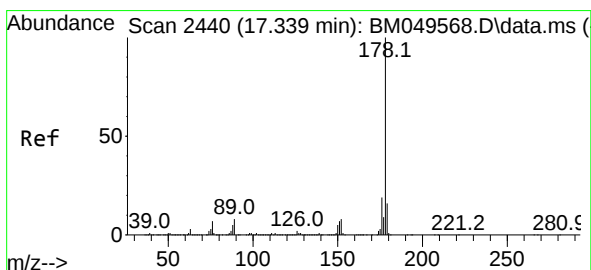
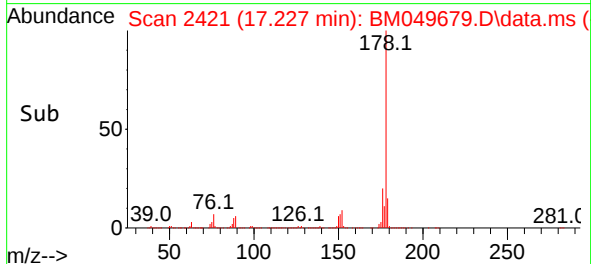
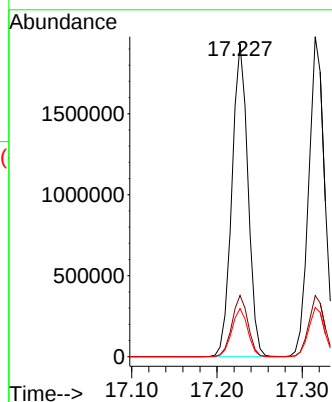
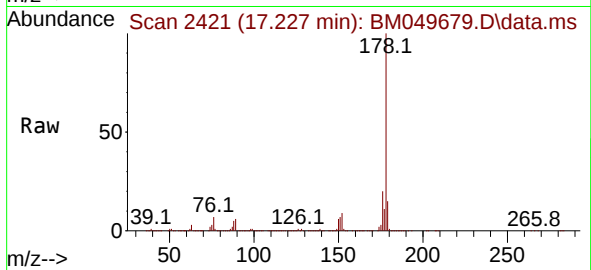
Tgt Ion:178 Resp: 2532660

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.4 12.2 18.2



#72

Anthracene

Concen: 45.192 ng

RT: 17.315 min Scan# 2436

Delta R.T. -0.023 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

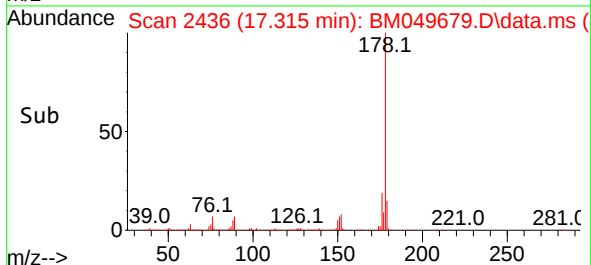
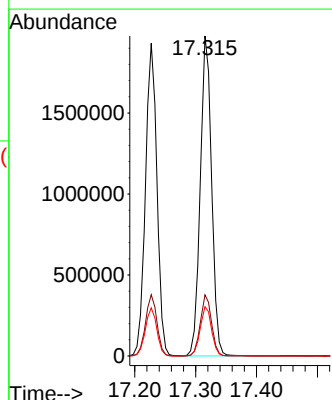
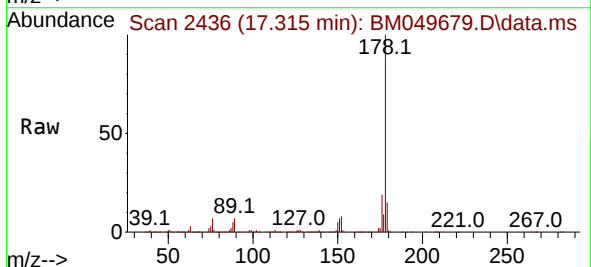
Tgt Ion:178 Resp: 2546464

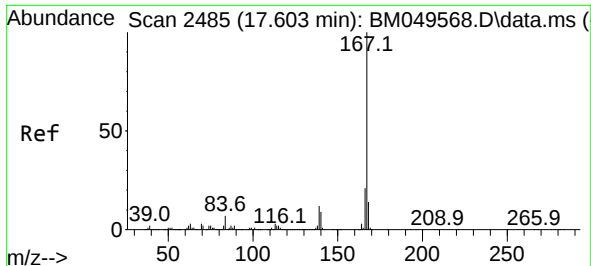
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.4 12.4 18.6

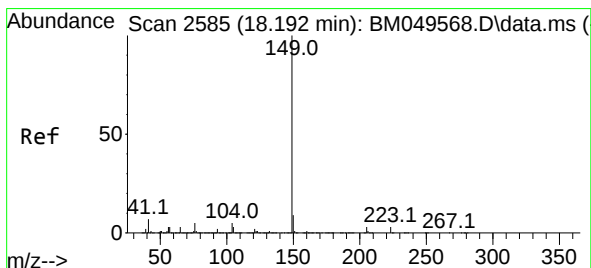
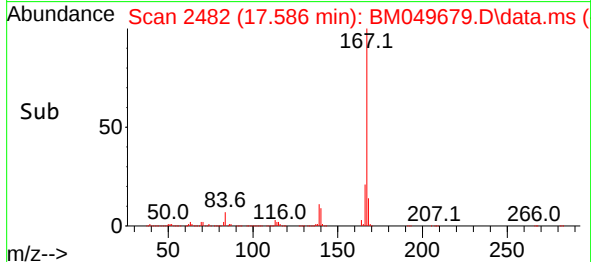
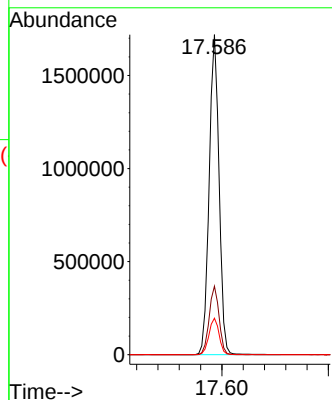
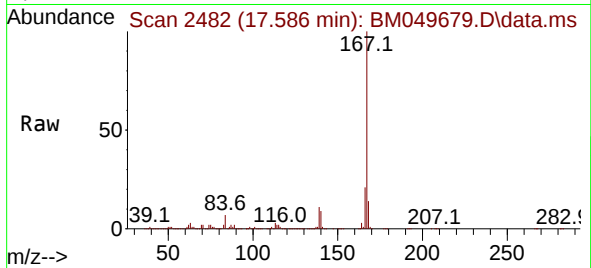




#73
 Carbazole
 Concen: 44.890 ng
 RT: 17.586 min Scan# 24
 Delta R.T. -0.018 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

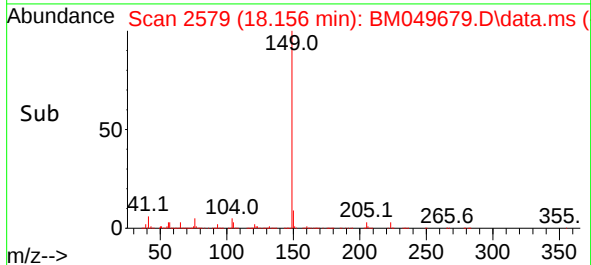
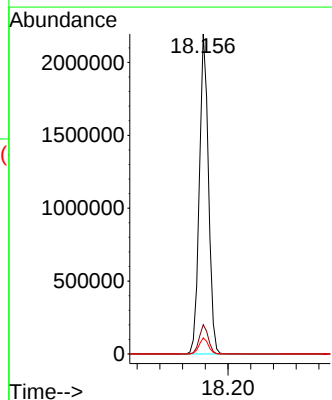
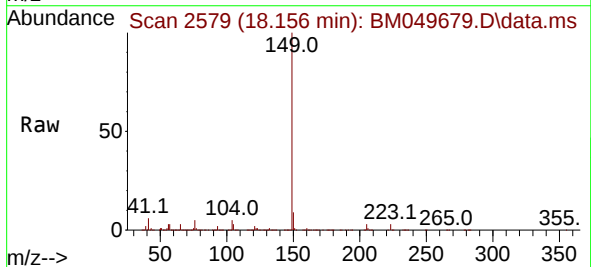
Instrument :
 BNA_M
 ClientSampleId :
 PB166933BSD

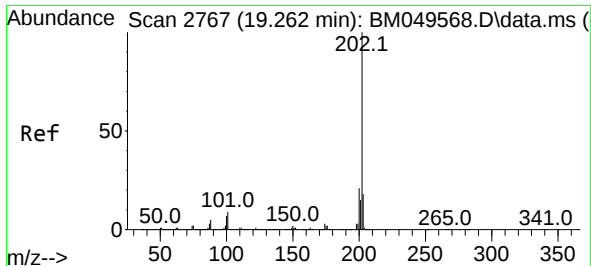
Tgt Ion:167 Resp: 2220071
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.4 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 39.152 ng
 RT: 18.156 min Scan# 2579
 Delta R.T. -0.035 min
 Lab File: BM049679.D
 Acq: 28 Feb 2025 15:12

Tgt Ion:149 Resp: 2456904
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.1 6.1

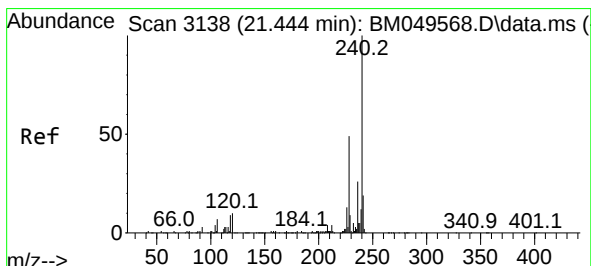
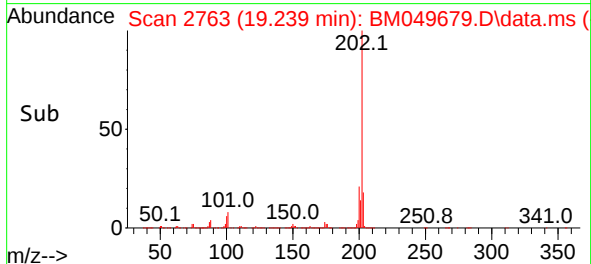
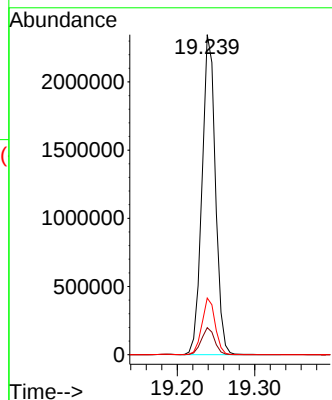
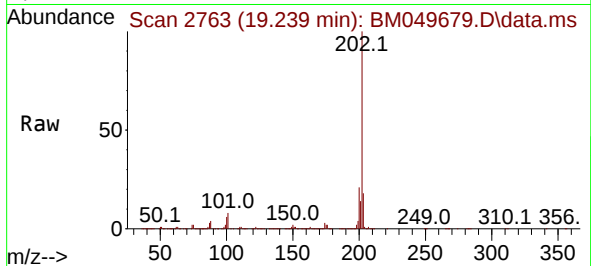




#75
Fluoranthene
Concen: 42.296 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

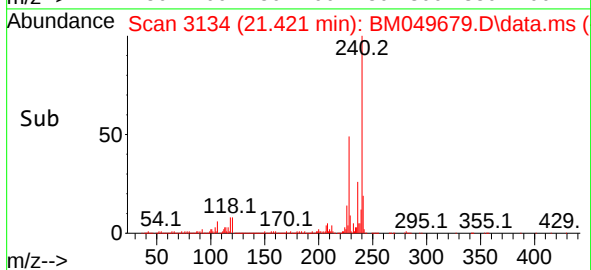
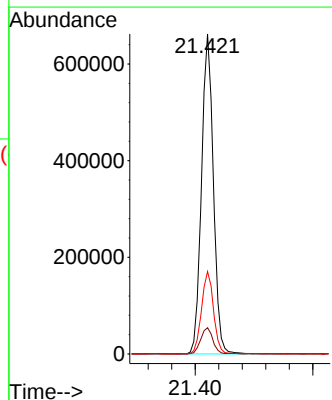
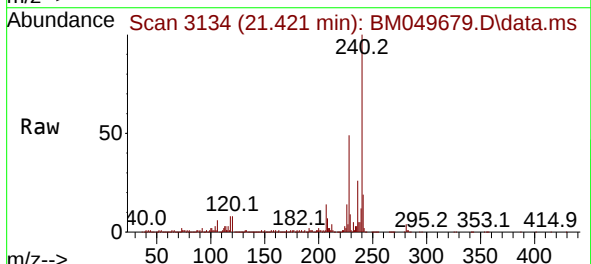
Instrument :
BNA_M
ClientSampleId :
PB166933BSD

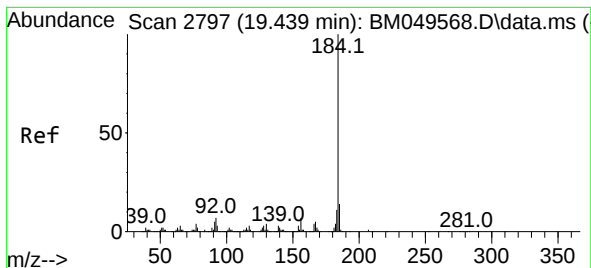
Tgt Ion:202 Resp: 2817946
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.1
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.024 min
Lab File: BM049679.D
Acq: 28 Feb 2025 15:12

Tgt Ion:240 Resp: 927156
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.8
236 25.7 20.6 31.0





#77

Benzidine

Concen: 120.042 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

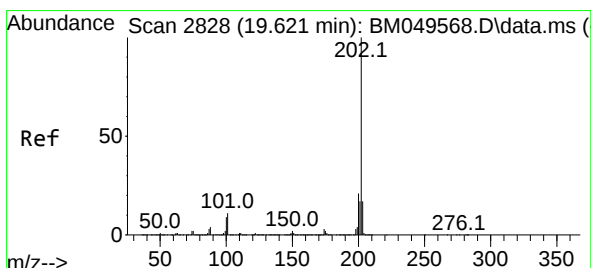
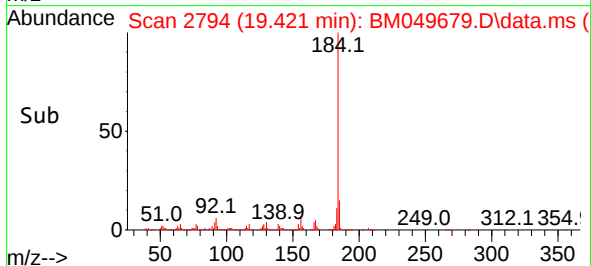
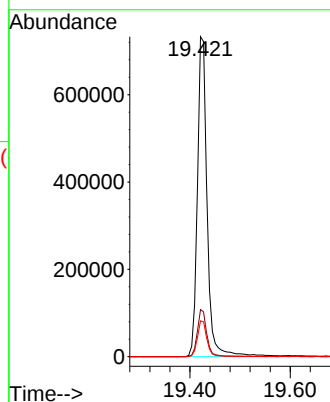
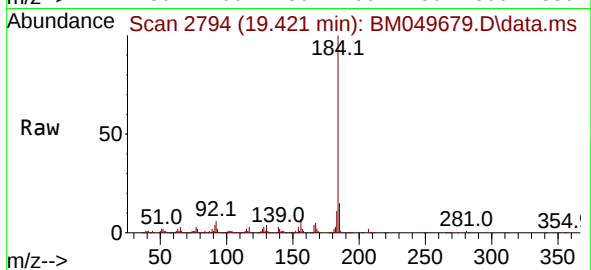
Tgt Ion:184 Resp: 985607

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

183 11.2 8.9 13.3



#78

Pyrene

Concen: 42.178 ng

RT: 19.603 min Scan# 2825

Delta R.T. -0.018 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

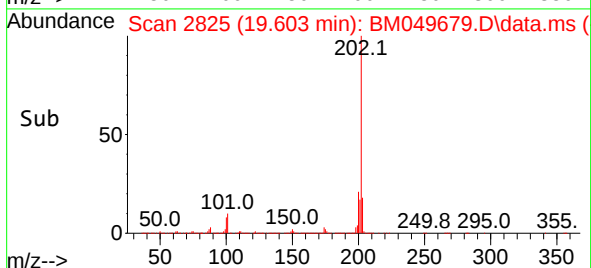
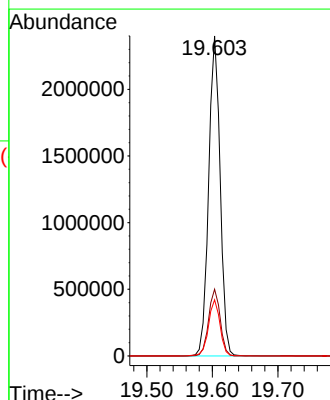
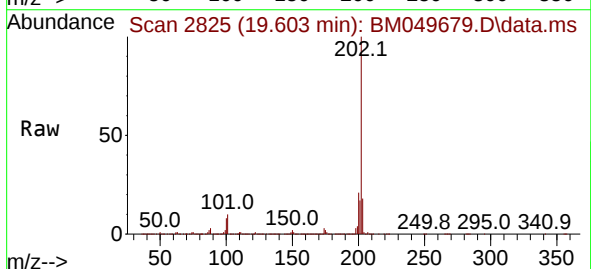
Tgt Ion:202 Resp: 2928062

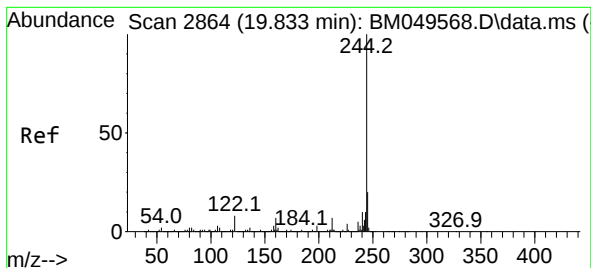
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 105.123 ng

RT: 19.809 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

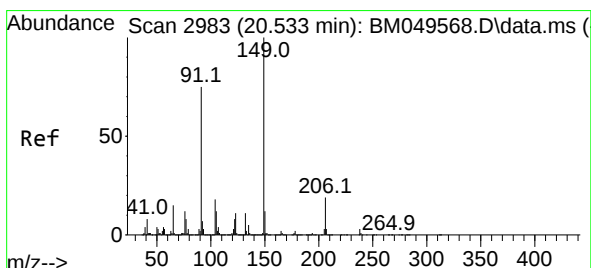
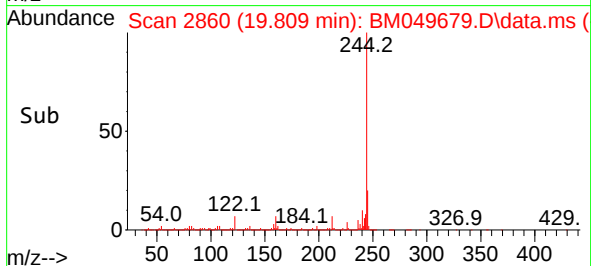
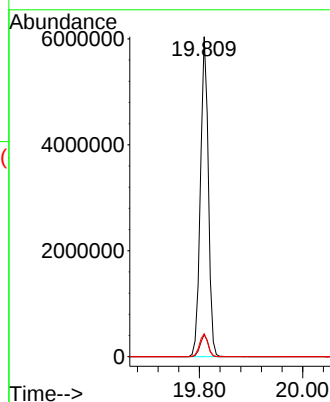
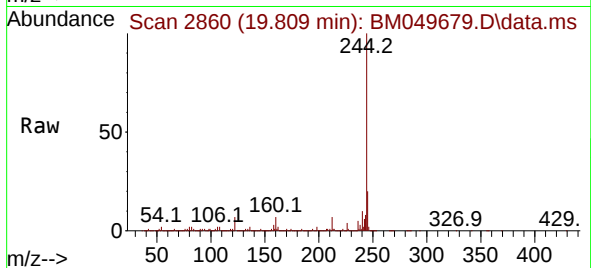
Tgt Ion:244 Resp: 6382615

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 7.2 6.2 9.2



#80

Butylbenzylphthalate

Concen: 43.890 ng

RT: 20.509 min Scan# 2979

Delta R.T. -0.023 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

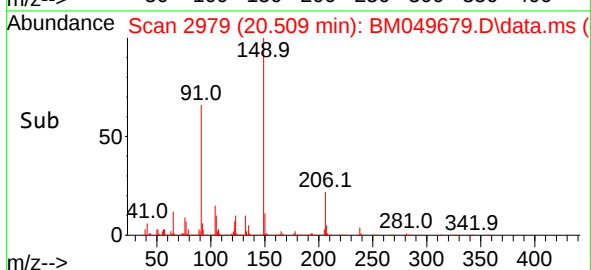
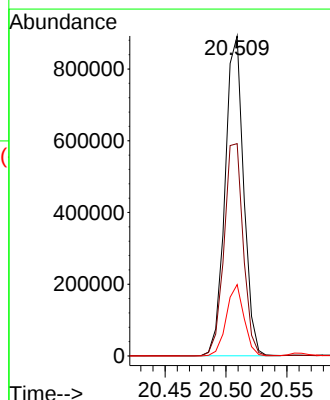
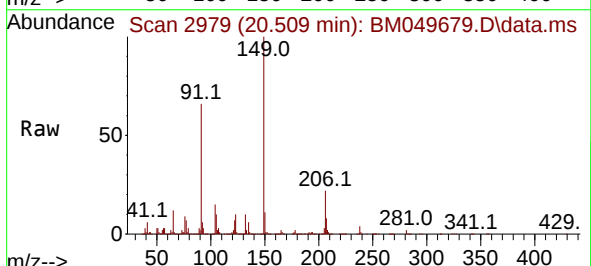
Tgt Ion:149 Resp: 948123

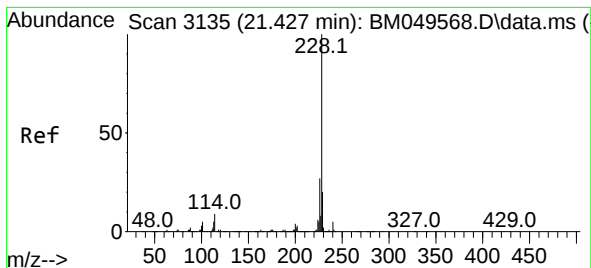
Ion Ratio Lower Upper

149 100

91 66.4 60.2 90.2

206 22.3 15.4 23.0





#81

Benzo(a)anthracene

Concen: 45.397 ng

RT: 21.403 min Scan# 3118

Delta R.T. -0.023 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

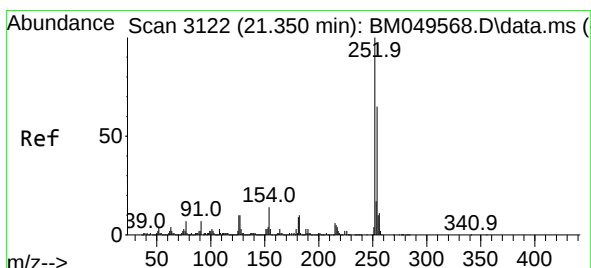
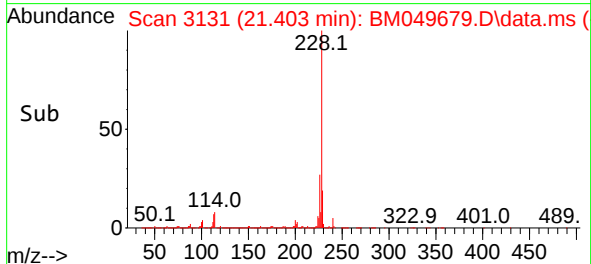
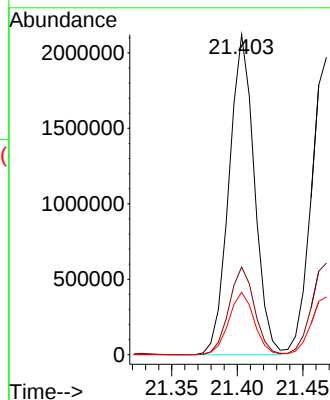
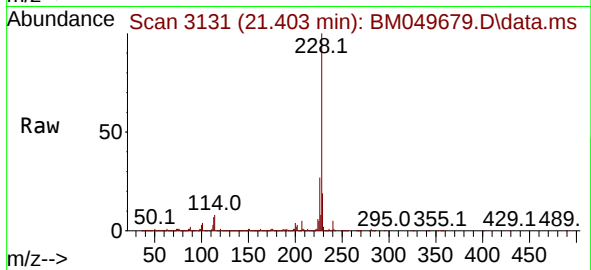
Tgt Ion:228 Resp: 2852577

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.427 ng

RT: 21.327 min Scan# 3118

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

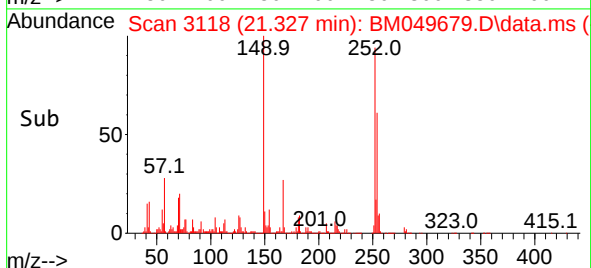
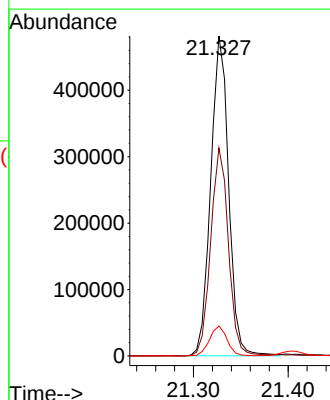
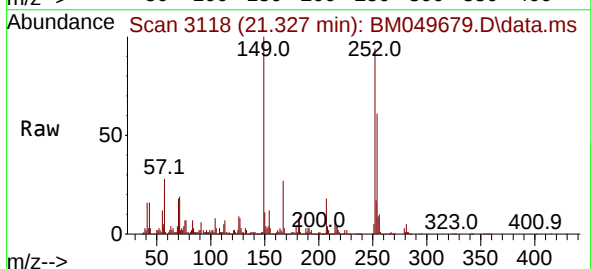
Tgt Ion:252 Resp: 632840

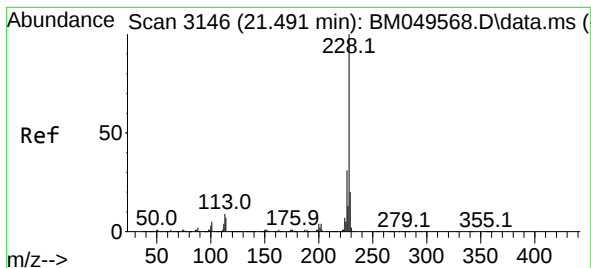
Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 9.4 7.8 11.6





#83

Chrysene

Concen: 44.815 ng

RT: 21.468 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

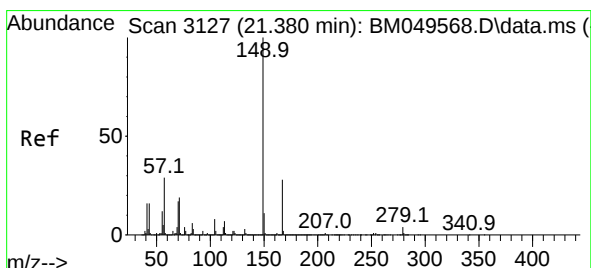
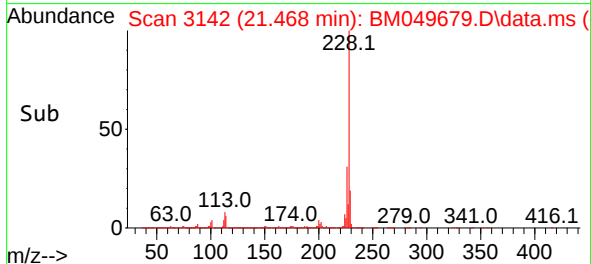
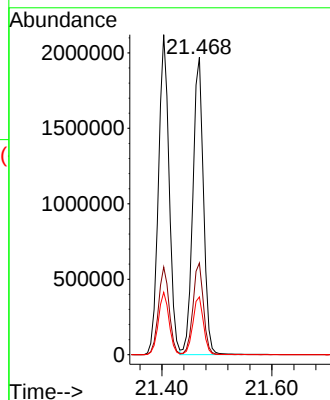
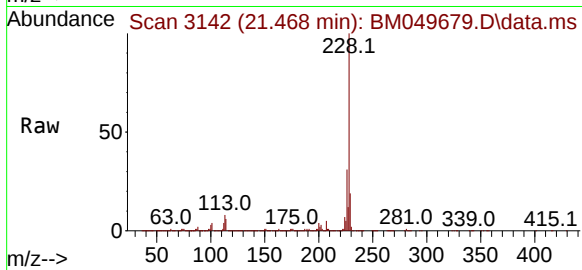
Tgt Ion:228 Resp: 2638247

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.418 ng

RT: 21.339 min Scan# 3120

Delta R.T. -0.041 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

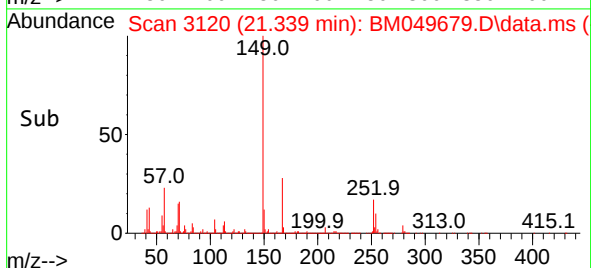
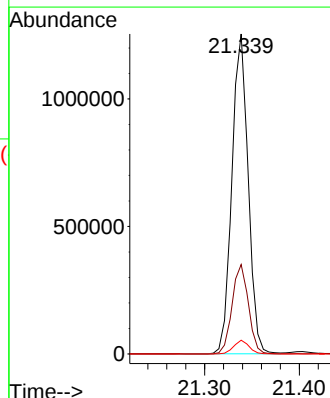
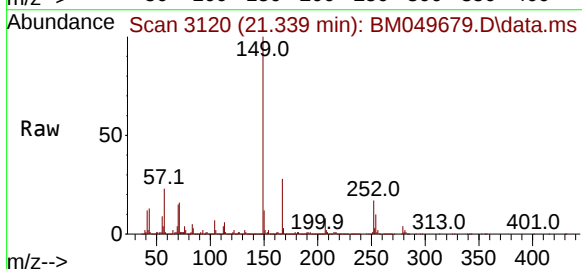
Tgt Ion:149 Resp: 1496790

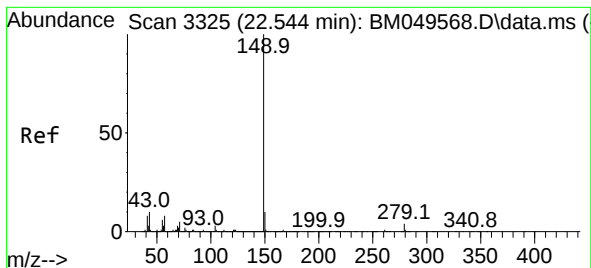
Ion Ratio Lower Upper

149 100

167 28.0 22.1 33.1

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.606 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.065 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

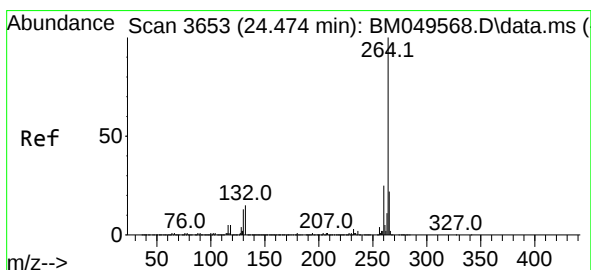
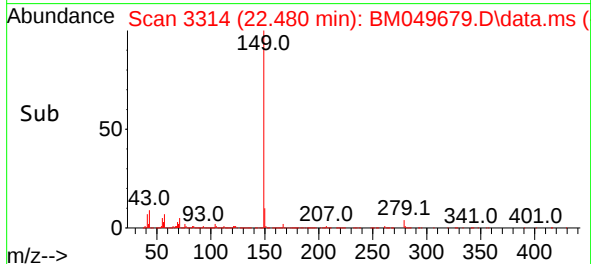
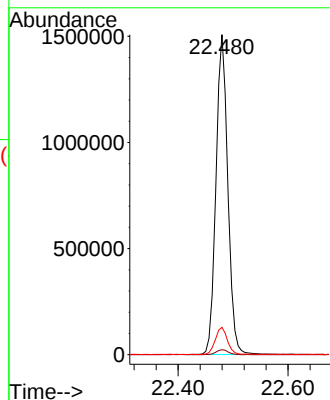
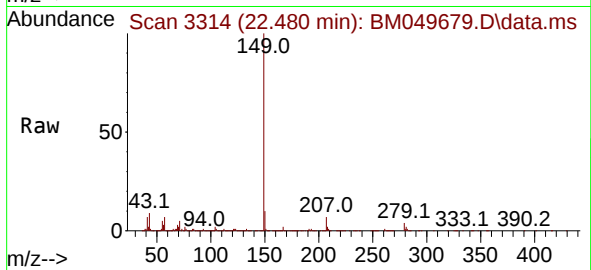
Tgt Ion:149 Resp: 2255480

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.7 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.432 min Scan# 3646

Delta R.T. -0.041 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

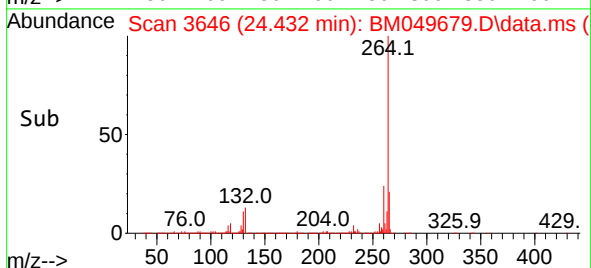
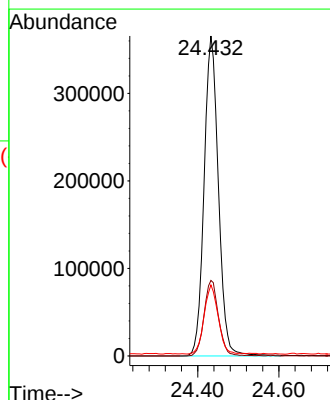
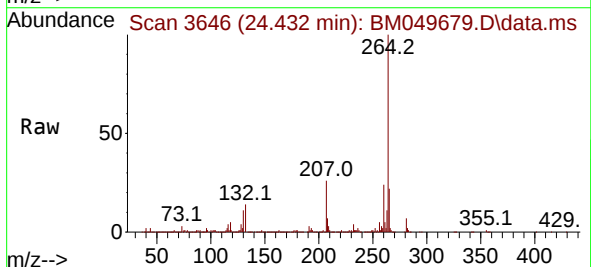
Tgt Ion:264 Resp: 893436

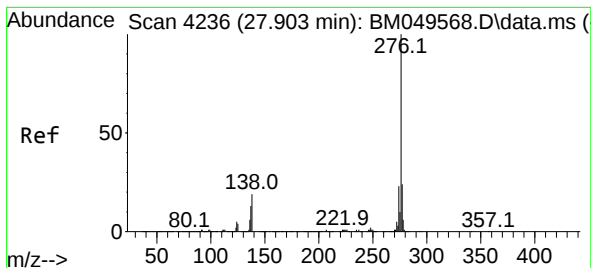
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 67.364 ng

RT: 27.838 min Scan# 41

Delta R.T. -0.065 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

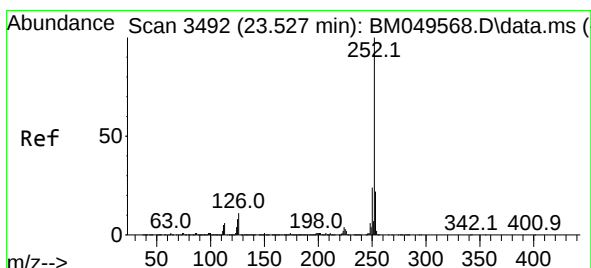
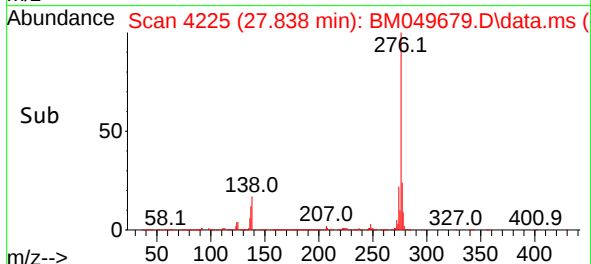
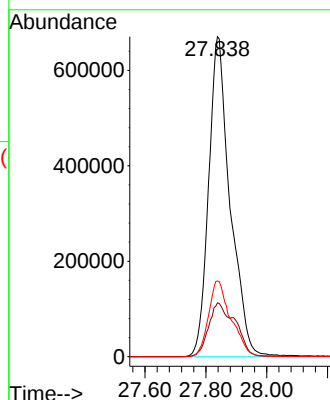
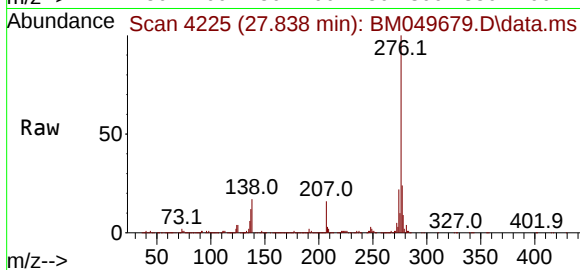
Tgt Ion:276 Resp: 3286841

Ion Ratio Lower Upper

276 100

138 20.9 13.1 19.7#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.858 ng

RT: 23.485 min Scan# 3485

Delta R.T. -0.041 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

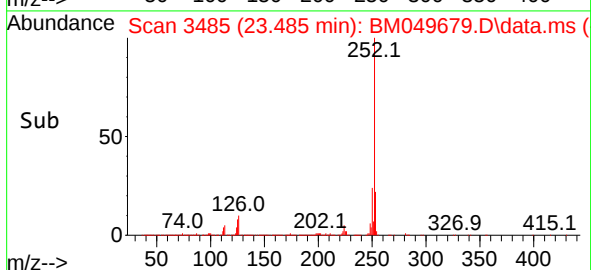
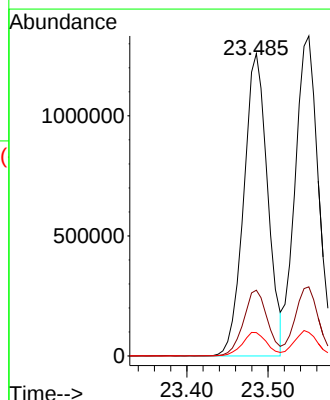
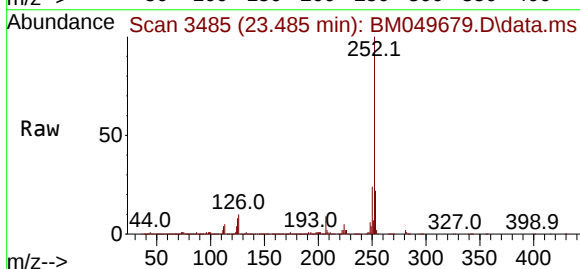
Tgt Ion:252 Resp: 2572685

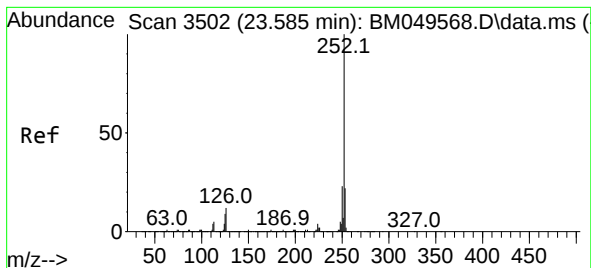
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.7 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 44.723 ng

RT: 23.550 min Scan# 34

Delta R.T. -0.035 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

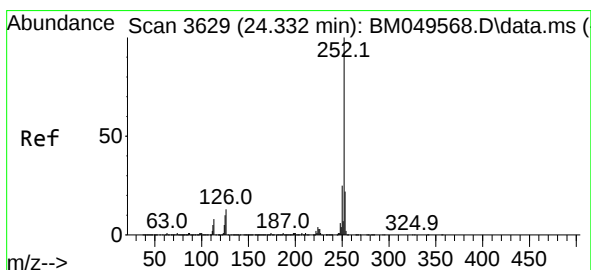
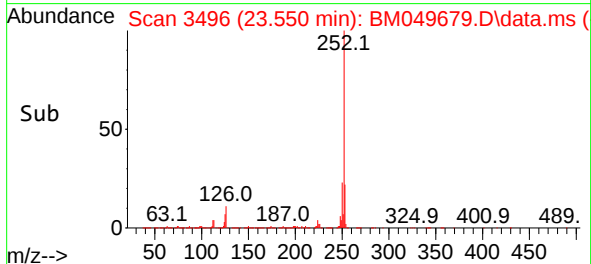
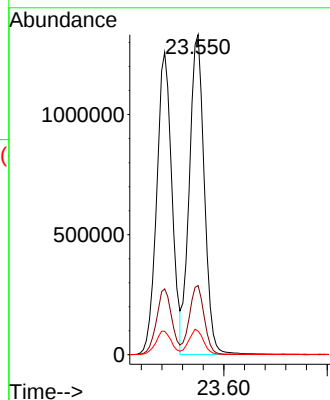
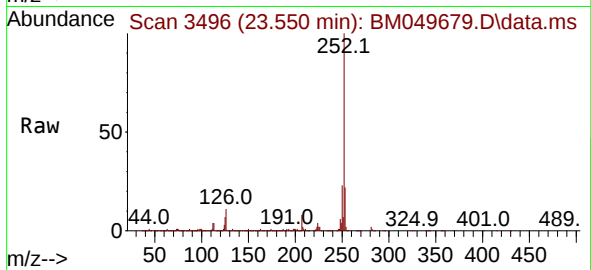
Tgt Ion:252 Resp: 2669819

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 7.3 7.0 10.6



#90

Benzo(a)pyrene

Concen: 51.173 ng

RT: 24.297 min Scan# 3623

Delta R.T. -0.035 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

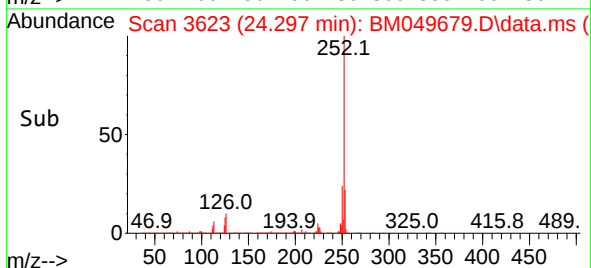
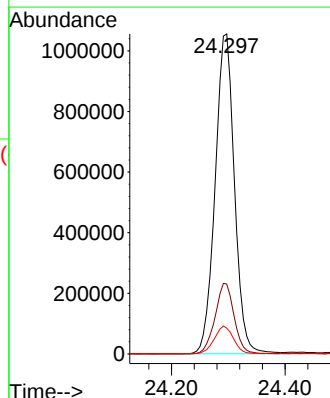
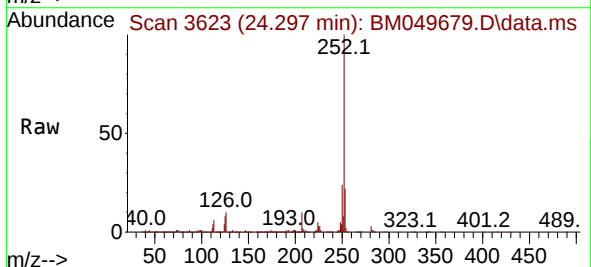
Tgt Ion:252 Resp: 2492512

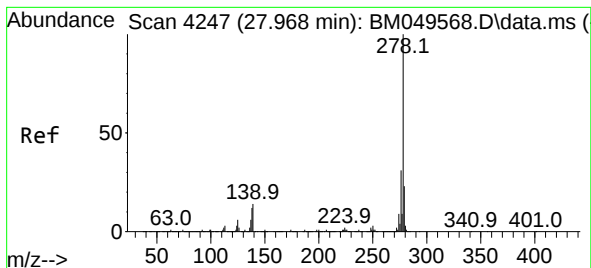
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.1 8.2 12.2#





#91

Dibenzo(a,h)anthracene

Concen: 70.192 ng

RT: 27.897 min Scan# 41

Delta R.T. -0.071 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Instrument :

BNA_M

ClientSampleId :

PB166933BSD

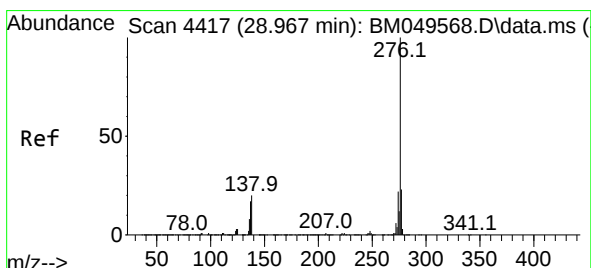
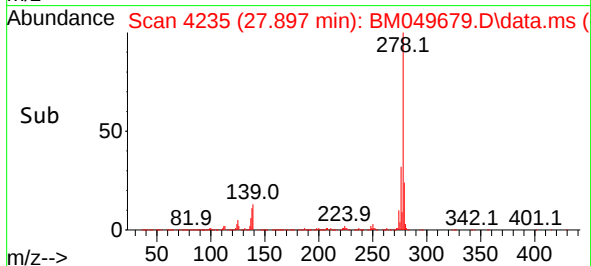
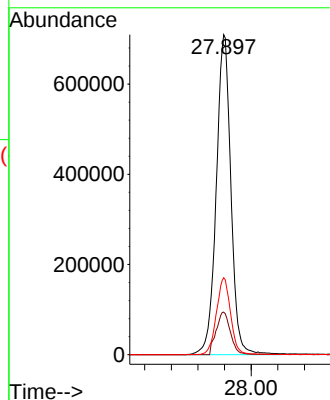
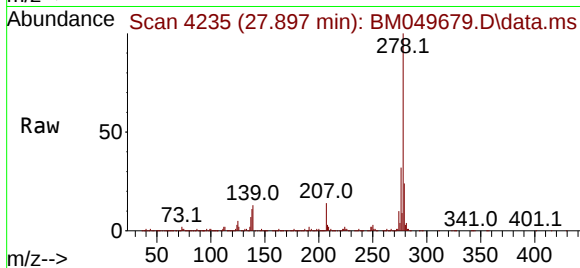
Tgt Ion:278 Resp: 2706817

Ion Ratio Lower Upper

278 100

139 13.3 11.5 17.3

279 24.1 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 58.834 ng

RT: 28.897 min Scan# 4405

Delta R.T. -0.071 min

Lab File: BM049679.D

Acq: 28 Feb 2025 15:12

Tgt Ion:276 Resp: 2534427

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 17.8 16.0 24.0

